

Scholars and Family,

Happy Summer Break! I hope you had as much fun as I did in 6th grade this year. We learned a lot together and I cannot wait to hear about all your future successes from your other teachers. I KNOW you are going to do amazing things.

With all the new knowledge you have learned, it is important to do some practice so we don't lose these skills. This packet will help you practice what we have learned in order to prepare you for 7th grade.

The topics in this packet include:

Order of Operations (PEMDAS)

Multiplication and Division Practice

Operations with Fractions and Decimals

Ordering Numbers on a Number Line

Negative and Positive Numbers

Plotting Points on a Graph

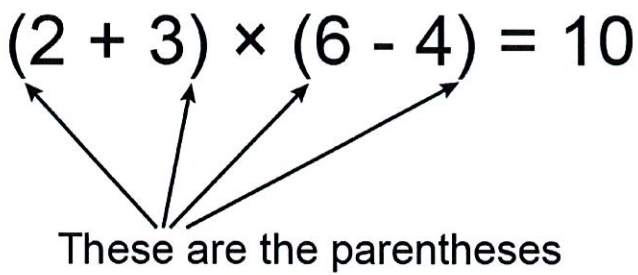
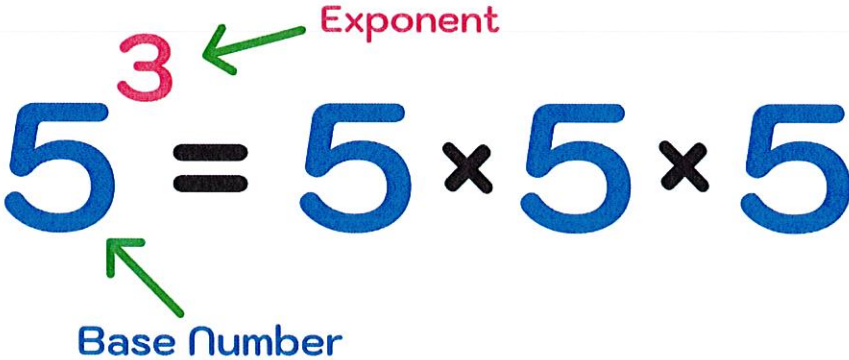
If this packet is too easy, or you complete it and are looking for more practice, I would encourage you to go back through your books from the school year. There are many practice problems we did not complete, lessons we did not cover, or information that is worth reviewing.

I just want to say I am SO PROUD of all the hard work we did this year. Every little victory deserves celebration and you did AMAZING this year! I am so happy that my first year teaching was spent with you. This has been a year I will never forget with a class filled with scholars I will always remember.

With love and happiness,

Ms. Morgan Bokan :)

Order of Operations (PEMDAS)

P - Parenthesis	 $(2 + 3) \times (6 - 4) = 10$ These are the parentheses
E - Exponents	 $5^3 = 5 \times 5 \times 5$ Exponent Base Number
M - Multiplication D - Division	Multiply or Divide from left to right
A - Addition S - Subtraction	Add or Subtract from left to right

PEMDAS

Grade 5 Order of Operations Worksheet

Solve the following.

1) $(5^3 - 4) \div 11 =$ _____

2) $(67 - 18) \div 7 \times 3 =$ _____

3) $10^2 - 3^2 \times 6 - 3 \times 2 =$ _____

4) $(10^2 - 3^2) \times 6 - 3 \times 2 =$ _____

5) $10^2 - 3^2 \times (6 - 3) \times 2 =$ _____

6) $10 \times (5 + 3 + 7) - (6 + 2)^2 =$ _____

7) $5^3 - (13 + 5 - 12)^2 \div 3 =$ _____

8) $12 + 6^3 - (15 - 6)^2 + 2 =$ _____

9) $(12 - 8)^2 + (7 \times 8 - 4) \div (6 - 2) =$ _____

10) $11^2 - (7 + 5 - 9)^2 + 12 - (33 + 2) =$ _____

Multiplication and Division Practice

Step 1	Step 2	Step 3
$\begin{array}{r} 34 \\ \times 12 \\ \hline 68 \end{array}$	$\begin{array}{r} 34 \\ \times 12 \\ \hline 68 \\ 340 \end{array}$	$\begin{array}{r} 34 \\ \times 12 \\ \hline 1\ 68 \\ + 340 \\ \hline 408 \end{array}$

Divide:

$$\begin{array}{r} 2 \\ 3 \overline{)75} \\ \underline{6} \\ 15 \end{array}$$

3 goes into 7
2 times...
with some extra!

Multiply:

$$\begin{array}{r} 2 \\ 3 \overline{)75} \\ \underline{6} \\ 15 \end{array}$$

$2 \times 3 = 6$

Subtract:

$$\begin{array}{r} 2 \\ 3 \overline{)75} \\ \underline{6} \\ 15 \end{array}$$

Bring Down:

$$\begin{array}{r} 2 \\ 3 \overline{)75} \\ \underline{6} \\ 15 \end{array}$$

Repeat:

$$\begin{array}{r} 25 \\ 3 \overline{)75} \\ \underline{6} \\ 15 \\ \underline{15} \\ 0 \end{array}$$

$15 \div 3 = 5$
 $5 \times 3 = 15$

2-digit multiplication

Multiplication Practice Worksheet

$$\begin{array}{r} 79 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 71 \\ \times 65 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ \times 43 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ \times 55 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 14 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 81 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 81 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ \times 37 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 68 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ \times 84 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ \times 72 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 46 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 78 \\ \times 49 \\ \hline \end{array}$$

Long division, no remainders

Division Practice Worksheet

Find the quotients.

$$4 \overline{) 1,000}$$

$$7 \overline{) 2,429}$$

$$2 \overline{) 4,840}$$

$$7 \overline{) 742}$$

$$8 \overline{) 8,752}$$

$$6 \overline{) 3,498}$$

$$3 \overline{) 3,951}$$

$$9 \overline{) 5,895}$$

$$7 \overline{) 6,216}$$

Operations with Fractions and Decimals

COMMON DENOMINATORS	SIMPLIFY FRACTIONS																		
$\frac{2}{5} \& \frac{1}{2}$ 5: 5, 10, 15, 20, 25 2: 2, 4, 6, 8, 10, 12 - List a few multiples of the denominators - Find the least common multiple - Multiply each denominator and its numerator to get the least common multiple as the denominator $\frac{2}{5} \times \frac{2}{2} = \frac{4}{10}$ $\frac{1}{2} \times \frac{5}{5} = \frac{5}{10}$	$\frac{18}{30}$ <table><tr><td colspan="2">18</td></tr><tr><td>1</td><td>18</td></tr><tr><td>2</td><td>9</td></tr><tr><td>3</td><td>6</td></tr></table><table><tr><td colspan="2">30</td></tr><tr><td>1</td><td>30</td></tr><tr><td>2</td><td>15</td></tr><tr><td>3</td><td>10</td></tr><tr><td>5</td><td>6</td></tr></table> - List all the factors of the numerator & denominator - Find the greatest common factor - Divide the numerator and denominator by the GCF $\frac{18}{30} \div \frac{6}{6} = \frac{3}{5}$	18		1	18	2	9	3	6	30		1	30	2	15	3	10	5	6
18																			
1	18																		
2	9																		
3	6																		
30																			
1	30																		
2	15																		
3	10																		
5	6																		
MIXED TO IMPROPER	IMPROPER TO MIXED																		
$4 \frac{3}{4}$ - Multiply the whole number by the denominator... - Add the numerator - Make that the numerator - Leave the denominator the same $4 \times 4 = 16$ $16 + 3 = 19$ $\frac{19}{4}$	$\frac{16}{5}$ - Divide the numerator by the denominator - Make the quotient the whole number - Make the remainder as the numerator - Leave the denominator the same $16 \div 5 = 3 \text{ r } 1$ $3 \frac{1}{5}$																		
ADD FRACTIONS	SUBTRACT FRACTIONS																		
$\frac{7}{10} + \frac{3}{5} =$ - Line up vertically - Get a common denominator - Add the numerators, leave the denominator the same - Simplify if necessary $\begin{array}{r} \frac{7}{10} \\ + \frac{3}{5} = \frac{6}{10} \\ \hline \frac{13}{10} \end{array}$ $\frac{13}{10} = 1 \frac{3}{10}$	$2 \frac{1}{2} - \frac{2}{3} =$ - Line up vertically - Get a common denominator - Regroup if necessary - Subtract the numerators, leave the denominator the same - Simplify if necessary $\begin{array}{r} 2 \frac{1}{2} = 2 \frac{3}{6} = 1 \frac{9}{6} \\ - \frac{2}{3} = \frac{4}{6} \\ \hline 1 \frac{5}{6} \end{array}$																		
MULTIPLY FRACTIONS	DIVIDE FRACTIONS																		
$3 \frac{1}{4} \times \frac{4}{5} =$ - Line up horizontally - Change any mixed numbers to improper fractions - Multiply the numerators - Multiply the denominators - Simplify if necessary $3 \frac{1}{4} \times \frac{4}{5} = \frac{13}{4} \times \frac{4}{5} = \frac{52}{20}$ $\frac{52}{20} = 2 \frac{12}{20} = 2 \frac{3}{5}$	$1 \frac{3}{4} \div \frac{1}{2} =$ - Line up horizontally - Change any mixed numbers to improper fractions - Keep, Change, Flip - Multiply the numerators, then denominators - Simplify if necessary $1 \frac{3}{4} \div \frac{1}{2} = \frac{7}{4} \div \frac{1}{2} = \frac{7}{4} \times \frac{2}{1} = \frac{14}{4}$ $\frac{14}{4} = 3 \frac{2}{4} = 3 \frac{1}{2}$																		

Adding mixed numbers and fractions (unlike denominators)

Grade 5 Fractions Worksheet

Find the sum.

1. $5\frac{2}{9} + \frac{6}{7} =$ _____

2. $7\frac{2}{6} + \frac{1}{12} =$ _____

3. $1\frac{1}{10} + \frac{7}{8} =$ _____

4. $5\frac{4}{7} + \frac{1}{9} =$ _____

5. $2\frac{1}{2} + \frac{1}{5} =$ _____

6. $1\frac{8}{11} + \frac{2}{8} =$ _____

7. $10\frac{6}{10} + \frac{2}{4} =$ _____

8. $2\frac{1}{2} + \frac{5}{6} =$ _____

9. $6\frac{6}{7} + \frac{3}{9} =$ _____

10. $10\frac{2}{6} + \frac{5}{12} =$ _____

11. $1\frac{4}{11} + \frac{2}{5} =$ _____

12. $7\frac{8}{11} + \frac{3}{5} =$ _____

13. $7\frac{3}{10} + \frac{5}{12} =$ _____

14. $7\frac{2}{6} + \frac{1}{4} =$ _____

$$\frac{2}{5} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{2} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$1\frac{1}{3} + \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{2}{5} + \frac{2}{6} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} + \frac{1}{4} = \underline{\hspace{2cm}}$$

$$2\frac{1}{2} + \frac{1}{5} = \underline{\hspace{2cm}}$$

$$2\frac{1}{2} + \frac{7}{8} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} + \frac{1}{2} = \underline{\hspace{2cm}}$$

Subtracting unlike fractions

Grade 5 Fractions Worksheet

Find the difference.

1. $\frac{2}{9} - \frac{1}{6} =$ _____

2. $\frac{16}{25} - \frac{2}{4} =$ _____

3. $\frac{5}{7} - \frac{1}{3} =$ _____

4. $\frac{5}{7} - \frac{2}{5} =$ _____

5. $\frac{5}{9} - \frac{1}{3} =$ _____

6. $\frac{6}{10} - \frac{1}{8} =$ _____

7. $\frac{9}{16} - \frac{1}{4} =$ _____

8. $\frac{3}{4} - \frac{2}{6} =$ _____

9. $\frac{2}{3} - \frac{1}{8} =$ _____

10. $\frac{8}{20} - \frac{1}{4} =$ _____

11. $\frac{4}{7} - \frac{4}{8} =$ _____

12. $\frac{5}{8} - \frac{2}{6} =$ _____

$$2\frac{1}{3} - \frac{4}{6} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} - \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} - \frac{2}{4} = \underline{\hspace{2cm}}$$

$$1\frac{1}{5} - \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{5}{6} - \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} - \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} - \frac{1}{5} = \underline{\hspace{2cm}}$$

$$3\frac{1}{2} - \frac{2}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

$$1\frac{2}{3} \times \frac{3}{7} = \underline{\hspace{2cm}}$$

$$\frac{4}{5} \times \frac{1}{6} = \underline{\hspace{2cm}}$$

$$\frac{2}{8} \times \frac{4}{3} = \underline{\hspace{2cm}}$$

$$\frac{6}{7} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

$$1\frac{3}{4} \times \frac{6}{7} = \underline{\hspace{2cm}}$$

$$2\frac{1}{3} \times \frac{4}{5} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} \times \frac{2}{5} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} \div \frac{2}{3} = \underline{\hspace{2cm}}$$

$$\frac{3}{7} \div \frac{1}{2} = \underline{\hspace{2cm}}$$

$$\frac{6}{8} \div \frac{3}{7} = \underline{\hspace{2cm}}$$

$$\frac{3}{4} \div \frac{1}{3} = \underline{\hspace{2cm}}$$

$$\frac{4}{9} \div \frac{2}{5} = \underline{\hspace{2cm}}$$

$$\frac{2}{3} \div \frac{4}{7} = \underline{\hspace{2cm}}$$

$$\frac{2}{5} \div \frac{5}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{9} \div \frac{3}{4} = \underline{\hspace{2cm}}$$

ADD DECIMALS	SUBTRACT DECIMALS
$25.2 + 3.87 =$ - Line up decimals & place value - Add place holders if necessary - Add - Drop the decimal $\begin{array}{r} 25.20 \\ + 3.87 \\ \hline 29.07 \end{array}$	$135.4 - 18.56 =$ - Line up decimals & place value - Add place holders if necessary - Subtract - Drop the decimal $\begin{array}{r} 135.40 \\ - 18.56 \\ \hline 116.84 \end{array}$
MULTIPLY DECIMALS	DIVIDE DECIMALS
$9.37 \times 2.6 =$ - Line up factors on the right - Multiply - Count the amount of numbers behind the decimal in the factors, copy in product $\begin{array}{r} 9.37 \\ \times 2.6 \\ \hline 24.362 \end{array}$	$12.5 \div .2 = .2 \overline{)12.5}$ - If the divisor has a decimal, multiply by 10 until the decimal is gone. Do the same thing to the dividend. - Divide. - If there is a remainder, add a decimal to the dividend and the quotient, and continue. $\begin{array}{r} 62.5 \\ 2 \overline{)125.0} \\ \underline{-12} \\ 05 \\ \underline{-4} \\ 10 \\ \underline{-10} \\ 0 \end{array}$

$23.5 + 12.46 = \underline{\hspace{2cm}}$

$54.04 + 3.4 = \underline{\hspace{2cm}}$

$56.8 + 41.79 = \underline{\hspace{2cm}}$

$56.04 + 12.05 = \underline{\hspace{2cm}}$

$8.45 + 6.2 = \underline{\hspace{2cm}}$

$8 + 34.94 = \underline{\hspace{2cm}}$

$78.43 + 6 = \underline{\hspace{2cm}}$

$67.21 + 18.43 = \underline{\hspace{2cm}}$

$7 - 3.76 = \underline{\hspace{2cm}}$

$56.73 - 21.02 = \underline{\hspace{2cm}}$

$8.04 - 2.31 = \underline{\hspace{2cm}}$

$12.5 - 4.45 = \underline{\hspace{2cm}}$

$6 - 2.54 = \underline{\hspace{2cm}}$

$34.8 - 10.03 = \underline{\hspace{2cm}}$

$67.34 - 34.56 = \underline{\hspace{2cm}}$

$9 - 6.78 = \underline{\hspace{2cm}}$

$21.4 \times 4.6 = \underline{\hspace{2cm}}$

$5.6 \times 17.3 = \underline{\hspace{2cm}}$

$14.4 \times 5.8 = \underline{\hspace{2cm}}$

$12.67 \times 2 = \underline{\hspace{2cm}}$

$34.5 \times 7.8 = \underline{\hspace{2cm}}$

$54.7 \times 0.21 = \underline{\hspace{2cm}}$

$5.6 \times 0.8 = \underline{\hspace{2cm}}$

$54.2 \times 3.8 = \underline{\hspace{2cm}}$



Multiplying decimals in columns

Grade 5 Decimals Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 76.2 \\ \times 0.41 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4.29 \\ \times 7.3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 34.4 \\ \times 0.02 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4.56 \\ \times 5.6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 6.86 \\ \times 6.9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 94.2 \\ \times 0.53 \\ \hline \\ \hline \end{array}$$

$76.72 \div 5.6 = \underline{\hspace{2cm}}$

$8.16 \div 1.2 = \underline{\hspace{2cm}}$

$28.16 \div 2.2 = \underline{\hspace{2cm}}$

$34.71 \div 3.9 = \underline{\hspace{2cm}}$

$533.7 \div 0.9 = \underline{\hspace{2cm}}$

$27.48 \div 0.04 = \underline{\hspace{2cm}}$

$21.76 \div 3.2 = \underline{\hspace{2cm}}$

$42.09 \div 6.1 = \underline{\hspace{2cm}}$

Long division with decimals

Grade 5 Decimals Worksheet

Find the quotients. Round to 3 digits if necessary.

1) $0.4 \overline{) 0.72}$

2) $0.6 \overline{) 5.72}$

3) $0.6 \overline{) 0.18}$

4) $0.2 \overline{) 0.31}$

5) $0.8 \overline{) 2.9}$

6) $0.09 \overline{) 148}$

7) $0.3 \overline{) 323}$

8) $0.3 \overline{) 25.4}$

9) $0.04 \overline{) 485}$

Fraction and Decimal Check-in Quiz

Name _____

$$23.5 + 12.46 = \underline{\hspace{2cm}}$$

$$7 - 3.76 = \underline{\hspace{2cm}}$$

$$21.4 \times 4.6 = \underline{\hspace{2cm}}$$

$$76.72 \div 5.6 = \underline{\hspace{2cm}}$$

$$\frac{2}{5} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$2\frac{1}{3} - \frac{4}{6} = \underline{\hspace{2cm}}$$

$$\frac{5}{7} \times \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{7}{8} \div \frac{2}{3} = \underline{\hspace{2cm}}$$

Ordering Numbers on a Number Line

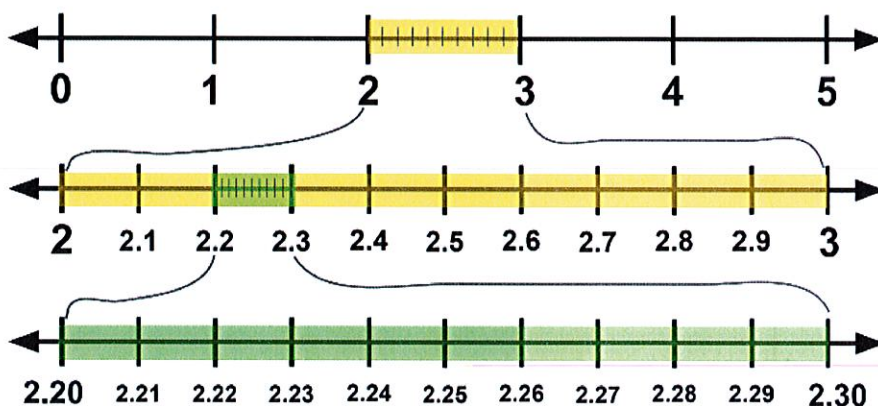
DECIMALS on a number line!

Number lines help order whole numbers and decimals.

Numbers get **SMALLER** to the Left

Numbers get **GREATER** to the Right

The top number line shows some whole numbers in order. The space between the whole numbers can be represented by DECIMAL NUMBERS.



If you expand the section between 2 and 3, you can see there are ten sections that represent **tenths**. If you expand the section between 2.2 and 2.3, you can see there are ten sections that represent **hundredths**.

Comparing Decimals

Ones	Tenths	Hundredths
2	2	5
2	2	0

Compare Place Values from Left to Right

$5 > 0$, so

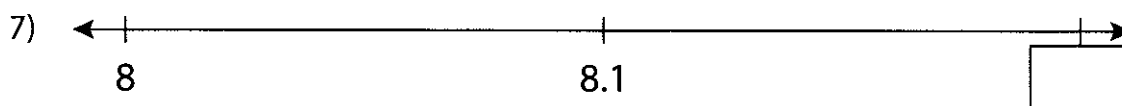
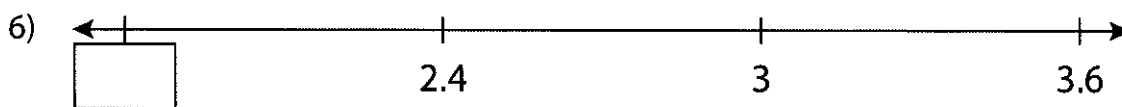
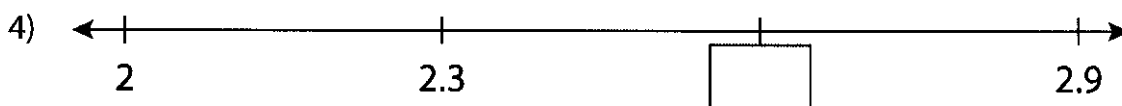
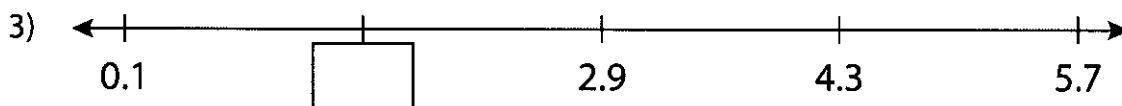
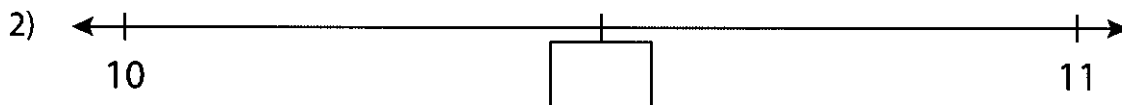
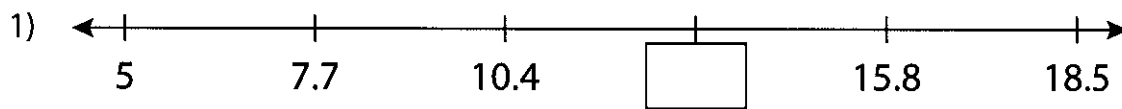
$2.25 > 2.20$

Name : _____

Missing Numbers

Tenth: T1S1

Write the missing number in each number line.

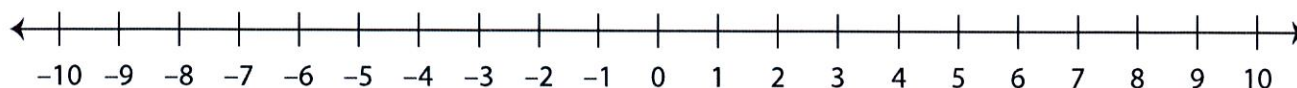


Number Line - Integers

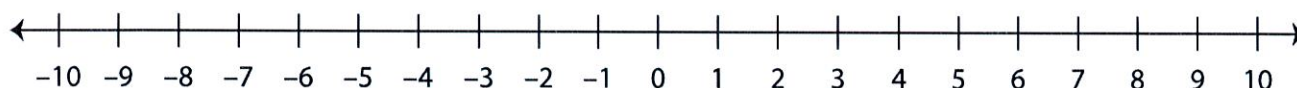
ES1

A) Mark the integers on the number line.

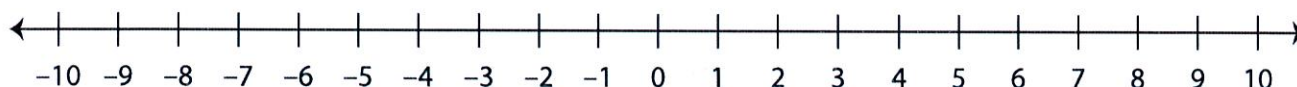
- 1) a) -2 b) 7 c) -5 d) 1



- 2) a) 9 b) -4 c) 3 d) -8



B) Answer the questions using the number line below.



1) 2 units to the left of 3 is _____

2) 6 units to the right of -1 is _____

3) 4 units to the left of -4 is _____

4) 3 units to the right of 7 is _____

5) 1 unit to the left of 10 is _____

6) 5 units to the right of -6 is _____

7) 8 units to the left of 5 is _____

Negative and Positive Numbers

+ Addition +

When addends have the same sign, add. Use that sign when you write the sum:

$$5 + 8 = 13$$

$$-2 + -5 = -7$$

When addends have different signs, subtract. Use the signs, of the greater addend:

$$-6 + 4 = -2$$

$$45 + 10 = 35$$

- Subtraction -

To subtract an integer, add its opposite:

The opposite of 12 is -12

$$4 - 12 = 4 + -12 = -8$$

$$9 - -12 = 9 + 12 = 21$$

The opposite of 15 is -15

$$10 - -15 = 10 + 15 = 25$$

$$-20 - 15 = -20 + -15 = -35$$

(Keep Change Change)

x Multiplication x

When factors have the same sign, the product is positive:

$$5 \times 6 = 30$$

$$-13 \times -3 = 39$$

When the factors have different signs, the product is negative:

$$-6 \times 8 = -48$$

$$9 \times -11 = -99$$

÷ Division ÷

When the dividend and the divisor have the same sign, the quotient is positive:

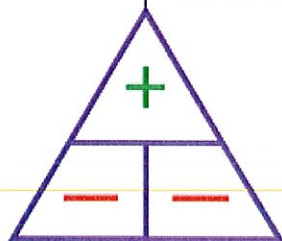
$$45 \div 5 = 9$$

$$-120 \div -6 = 20$$

When the dividend and the divisor have different signs, the quotient is negative:

$$35 \div -5 = -7$$

$$-250 \div 10 = -25$$





The Four Operations with Negative Numbers

Your Turn

1. Calculate the following:

a. $4 - 5$

e. $-4 + 3$

i. $-2 - -8$

m. $11 - 20$

b. $2 + -6$

f. $-7 + 11$

j. $10 - -9$

n. $43 - 56$

c. $10 - 12$

g. $-4 + -8$

k. $-2 - -16$

o. $-21 + -15$

d. $-10 + 2$

h. $-2 + -3$

l. $7 - -4$

2. Calculate the following:

a. 4×-2

f. $-64 \div -4$

k. -7×-13

p. $(-12)^2$

b. -11×12

g. -9×-12

l. $12 \div -0.5$

q. $(-8)^2$

c. 10×-8

h. 24×-6

m. $-1 \div -2$

r. $(-3)^3$

d. $-18 \div -3$

i. $-120 \div 4$

n. -146×6

e. $-56 \div 7$

j. $685 \div -5$

o. -254×-8



The Four Operations with Negative Numbers

3. Complete the table.

+	-2	-1	2	5	10
-6				$-6 + 5 = -1$	
-10	$-10 + -2 = -12$				
2					
3			$3 + 2 = 5$		
-4					

4. Write down seven multiplications with an answer of -20.

_____	_____	_____	_____
_____	_____	_____	_____

Challenge

Below are five cards, each with a number written on it.

-4	2	-7	-3	1
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a. Choose two suitable cards to make the calculation correct.

$$\boxed{} + \boxed{} = -1$$

b. Choose two cards that will give the smallest possible answer.

$$\boxed{} + \boxed{} = \underline{\hspace{2cm}}$$

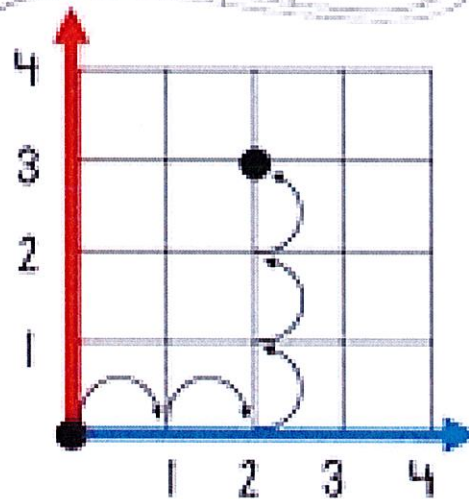
c. Choose two cards that will give the greatest possible answer.

$$\boxed{} - \boxed{} = \underline{\hspace{2cm}}$$

Plotting Points on a Graph

ordered pairs

(2, 3)
(x-axis, y-axis)



start at the origin



run before you jump

Label the Points

A (_ _)

B (_ _)

C (_ _)

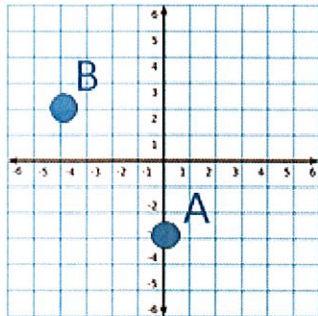
D (_ _)

E (_ _)

F (_ _)

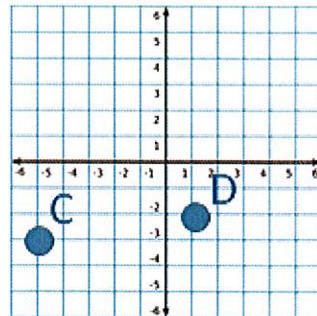
G (_ _)

H (_ _)



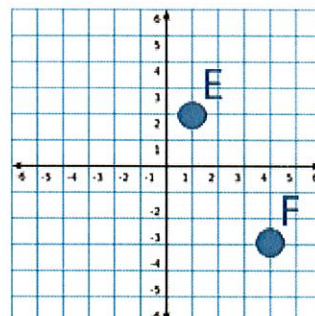
I (_ _)

J (_ _)



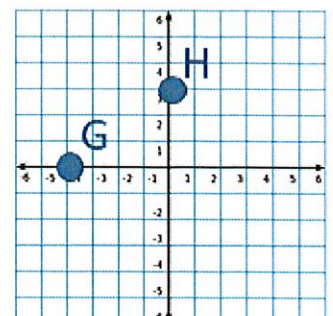
K (_ _)

L (_ _)



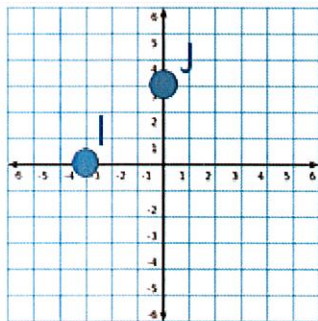
M (_ _)

N (_ _)



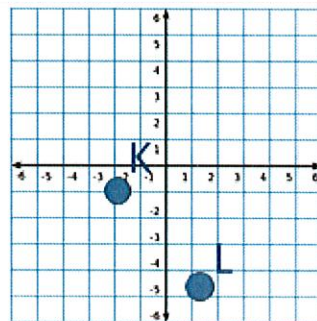
O (_ _)

P (_ _)



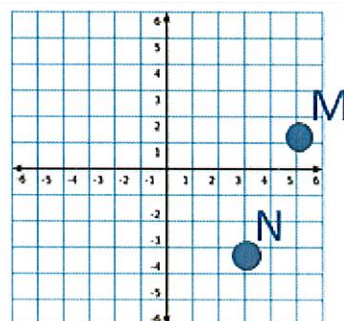
Q (_ _)

R (_ _)



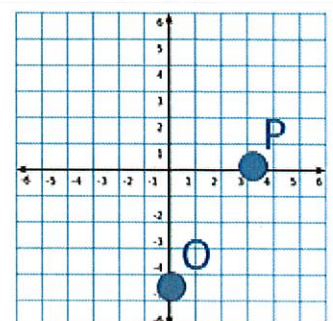
S (_ _)

T (_ _)



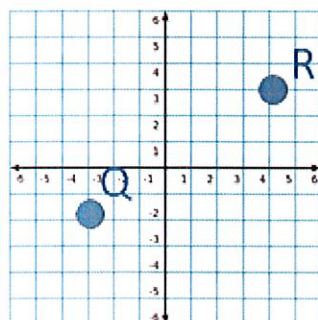
U (_ _)

V (_ _)



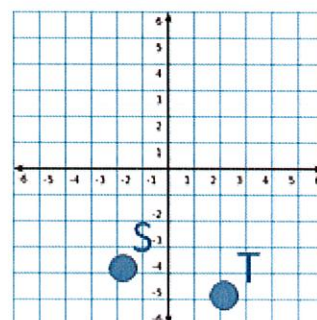
W (_ _)

X (_ _)



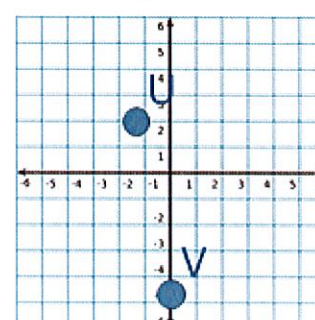
Y (_ _)

Z (_ _)



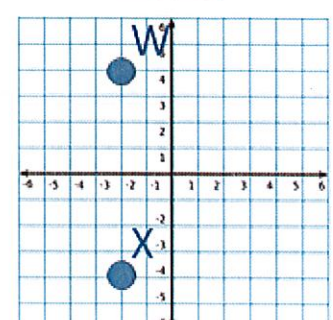
A (_ _)

B (_ _)



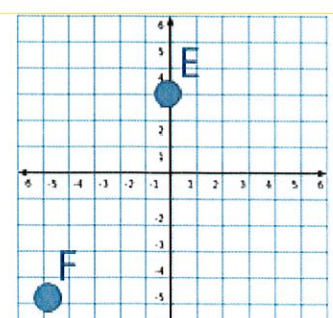
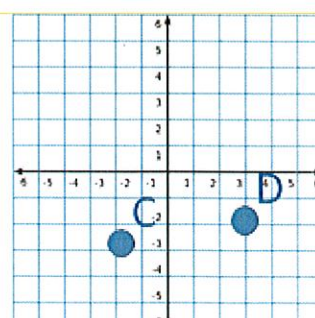
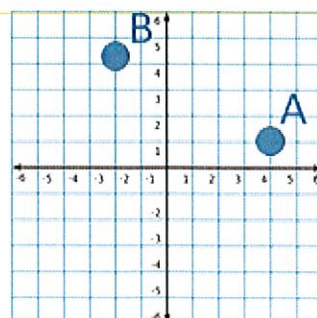
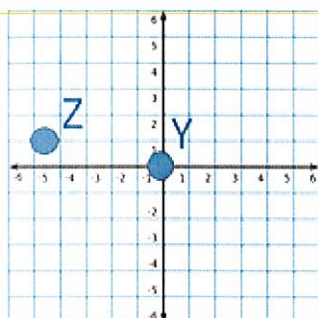
C (_ _)

D (_ _)



E (_ _)

F (_ _)

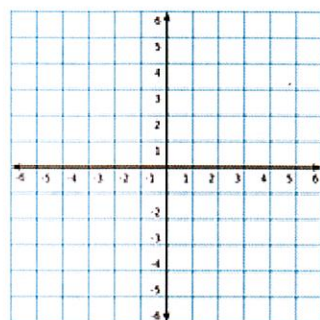


Practice Worksheet 1

Plot the Points

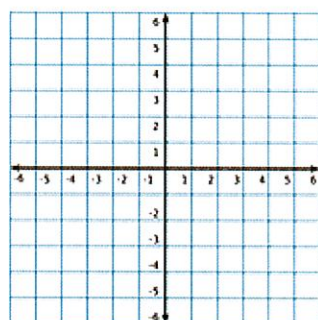
A (-2, 1)

B (4, -3)



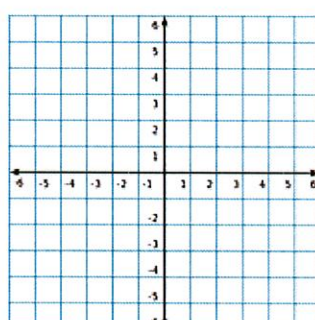
C (-2, -5)

D (4, 1)



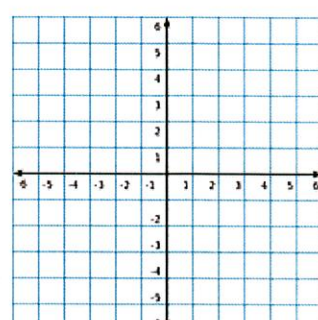
E (0, -3)

F (4, 0)



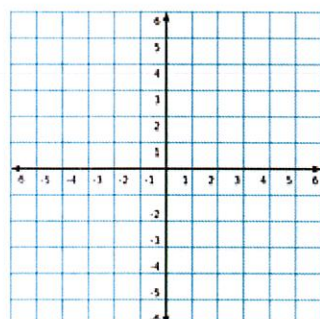
G (-3, 5)

H (-1, -1)



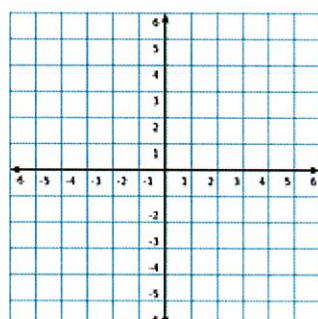
I (2, 4)

J (3, -1)



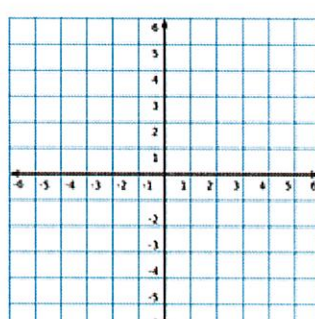
K (-5, 2)

L (-4, -1)



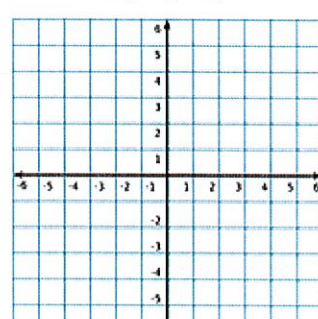
M (4, 0)

N (0, -2)



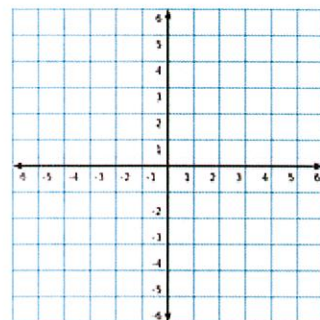
O (3, 5)

P (-1, -5)



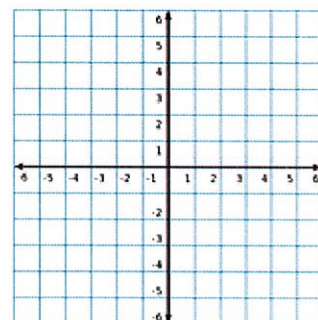
Q (5, -2)

R (-4, -4)



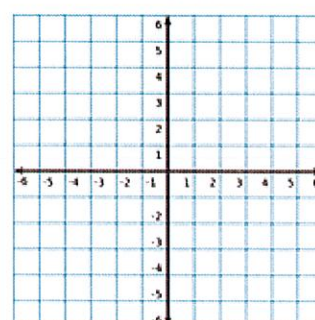
S (-3, 3)

T (-2, 1)



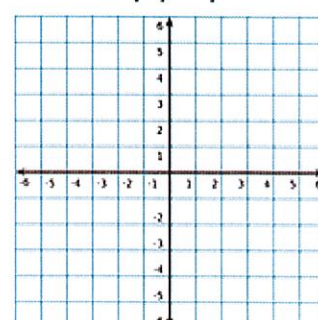
U (5, 1)

V (0, 3)



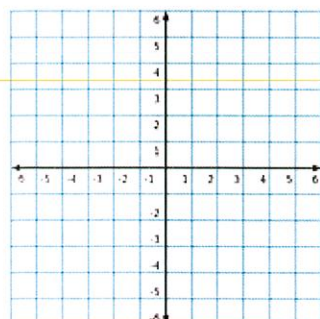
W (0, -2)

X (4, -4)



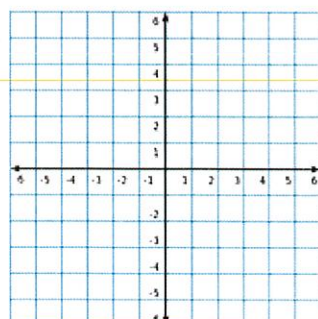
Y (2, -1)

Z (-5, 3)



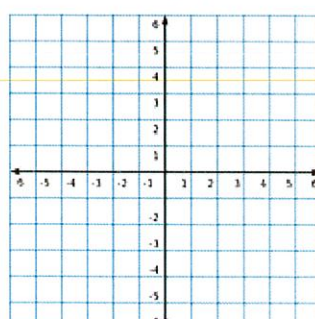
A (4, -5)

B (5, -1)



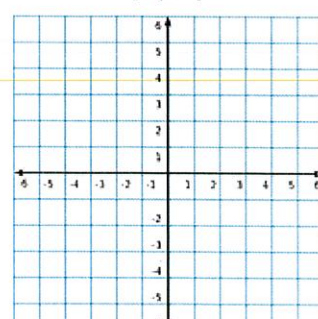
C (-3, 5)

D (-4, 1)



E (-2, -2)

F (0, 0)



Label the Points

A (_ _)

B (_ _)

C (_ _)

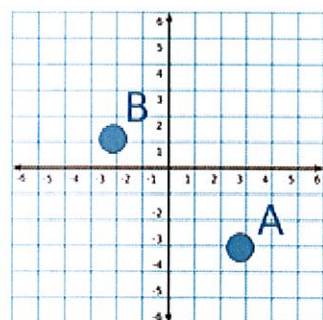
D (_ _)

E (_ _)

F (_ _)

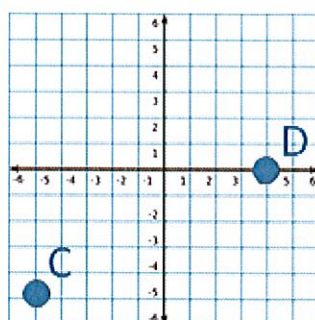
G (_ _)

H (_ _)



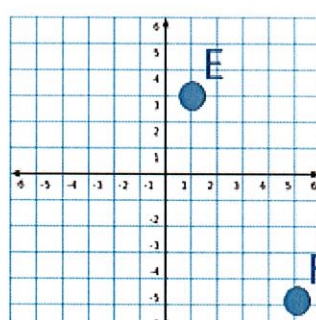
I (_ _)

J (_ _)



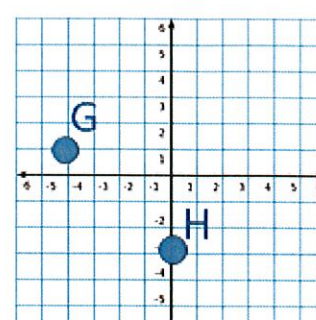
K (_ _)

L (_ _)



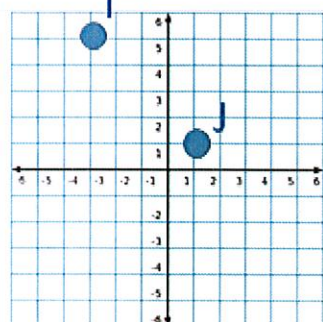
M (_ _)

N (_ _)



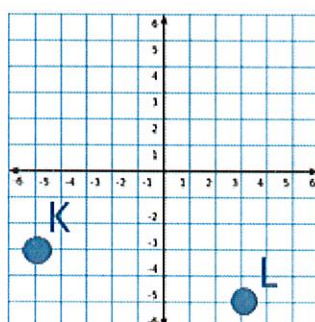
O (_ _)

P (_ _)



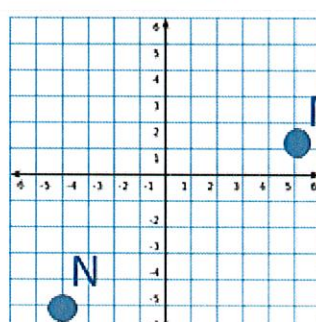
Q (_ _)

R (_ _)



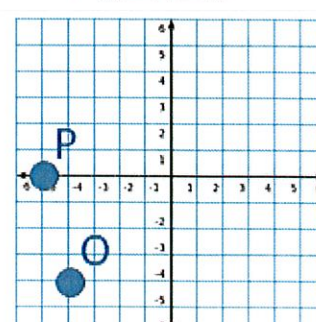
S (_ _)

T (_ _)



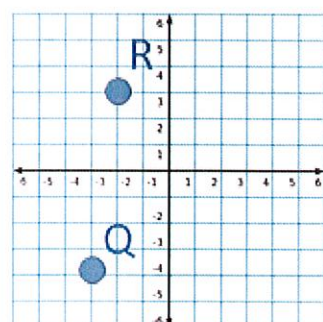
U (_ _)

V (_ _)



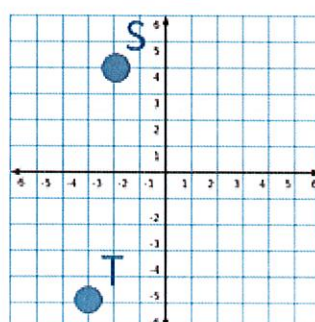
W (_ _)

X (_ _)



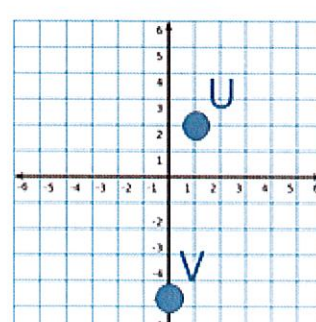
Y (_ _)

Z (_ _)



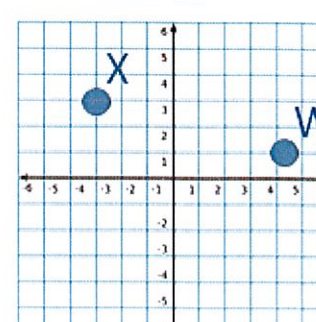
A (_ _)

B (_ _)



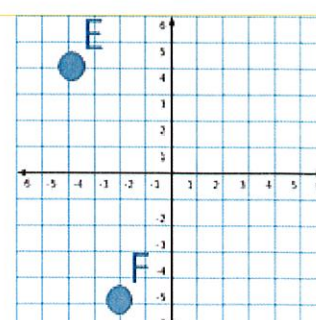
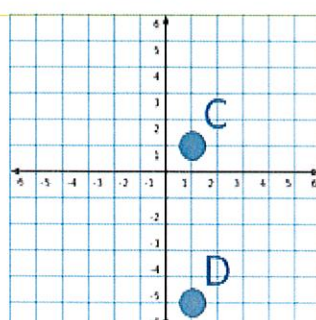
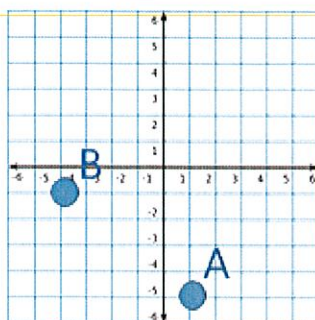
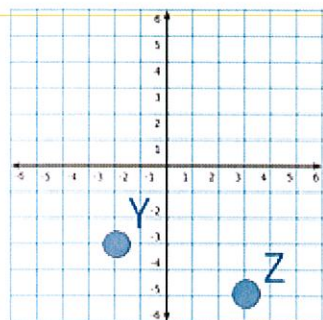
C (_ _)

D (_ _)



E (_ _)

F (_ _)



Practice Worksheet 2

Plot the Points

A (-4, 1)

B (2, -4)

C (-1, -5)

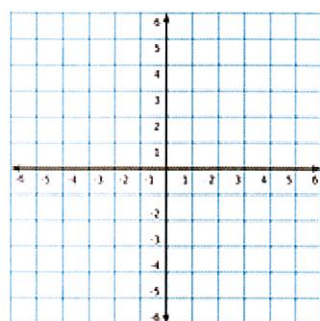
D (5, 1)

E (0, -2)

F (3, 0)

G (-1, 4)

H (-4, -1)



I (3, 3)

J (3, -2)

K (-5, 5)

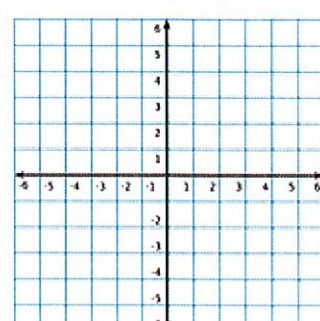
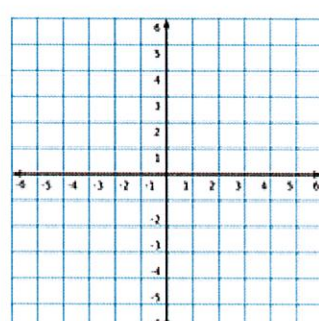
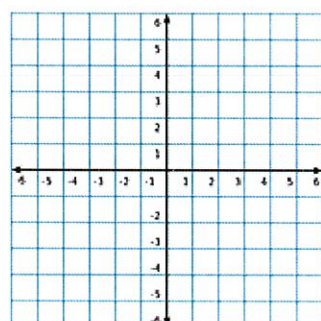
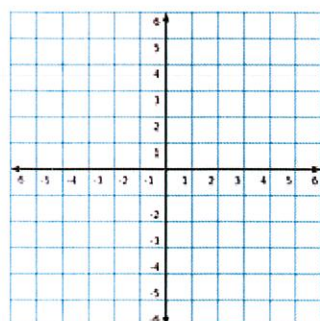
L (-3, -1)

M (1, 0)

N (0, -4)

O (2, 4)

P (-3, -4)



Q (5, -1)

R (-3, -3)

S (-2, 1)

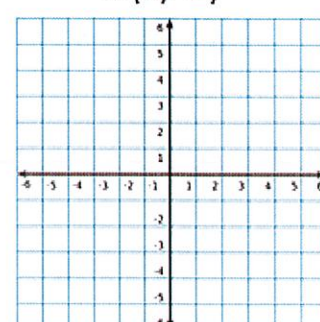
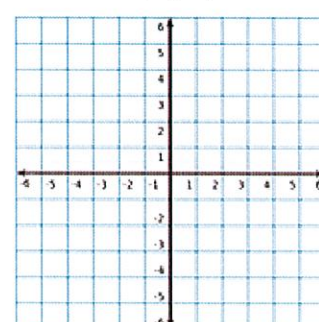
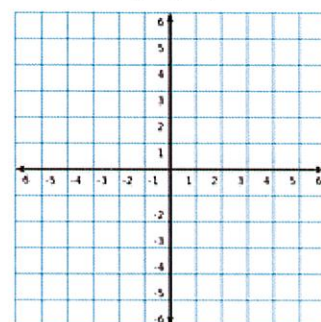
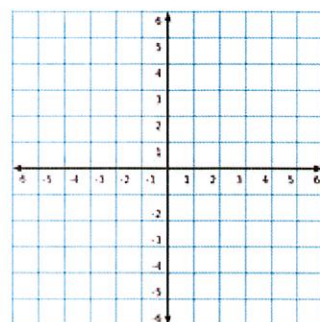
T (-4, 2)

U (3, 1)

V (0, 5)

W (0, -5)

X (5, -2)



Y (3, -1)

Z (-1, 3)

A (5, -2)

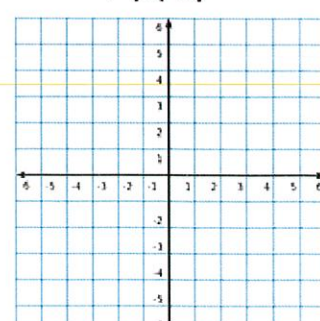
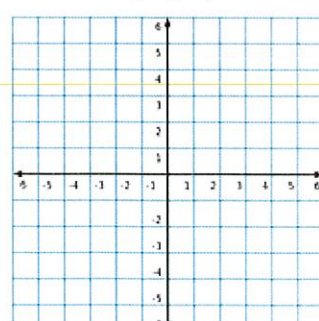
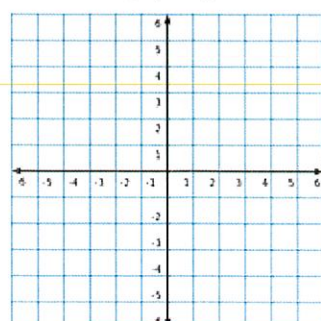
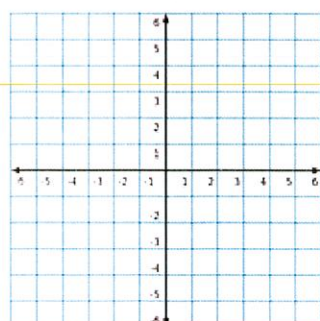
B (3, -1)

C (-2, 4)

D (-5, 1)

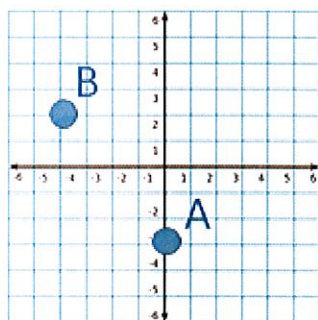
E (-3, -2)

F (0, 0)

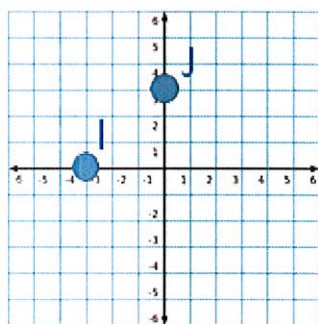


Label the Points

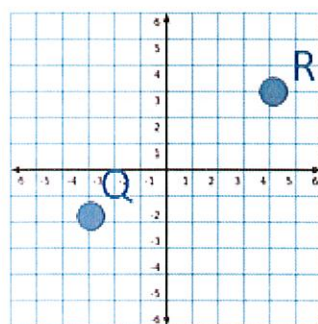
A (0 , -3)
B (-4 , 2)



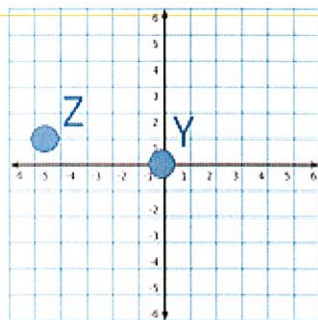
I (-4 , 0)
J (3 , 0)



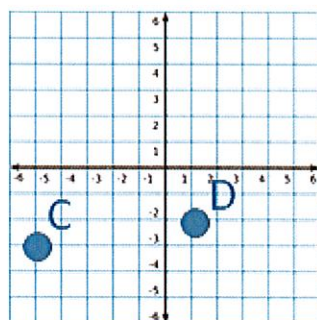
Q (-3 , -2)
R (4 , 3)



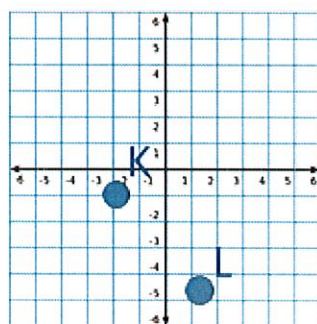
Y (0 , 0)
Z (-5 , 1)



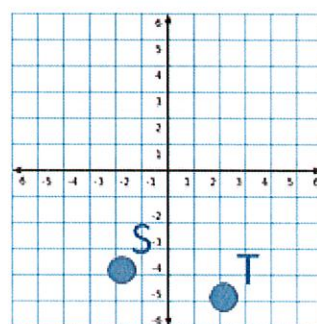
C (-5 , -3)
D (1 , -2)



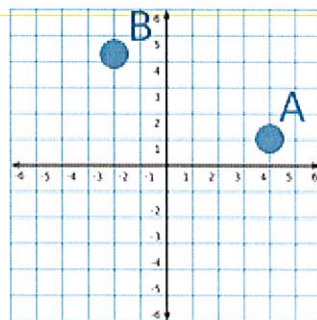
K (-2 , -1)
L (1 , -5)



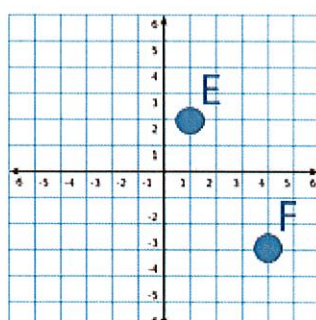
S (-2 , -4)
T (2 , -5)



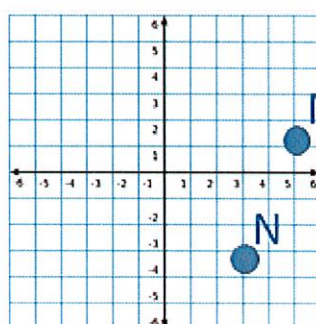
A (4 , 1)
B (-2 , 4)



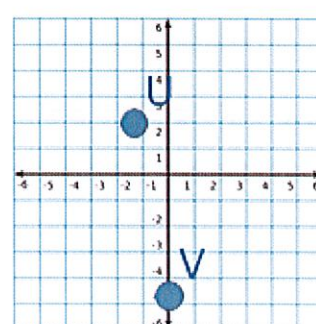
E (1 , 2)
F (4 , -3)



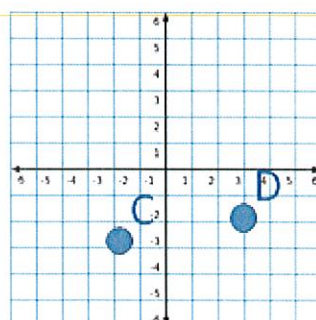
M (5 , 1)
N (3 , -3)



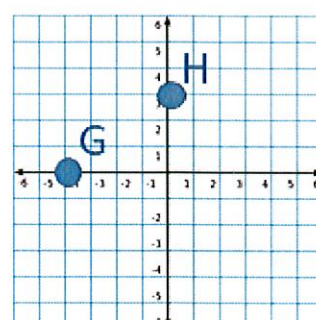
U (-1 , 2)
V (0 , -4)



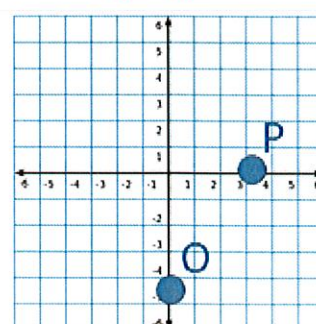
C (-2 , -3)
D (3 , -2)



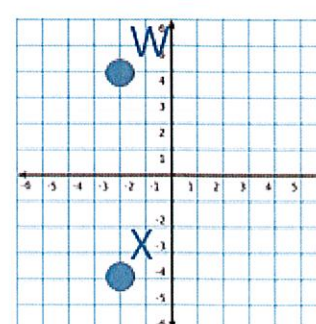
G (-4 , 0)
H (0 , 3)



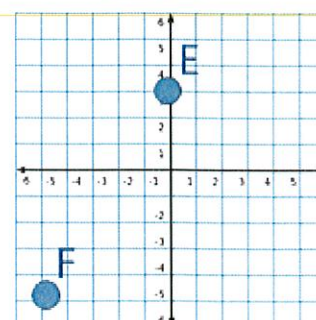
O (0 , -4)
P (3 , 0)



W (-2 , 4)
X (-2 , -4)



E (0 , 3)
F (-5 , -5)

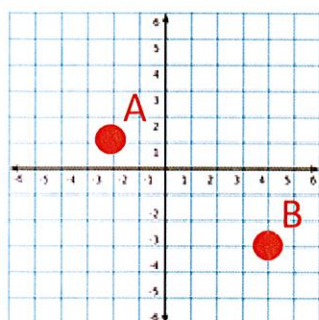


Practice Worksheet 1

Plot the Points

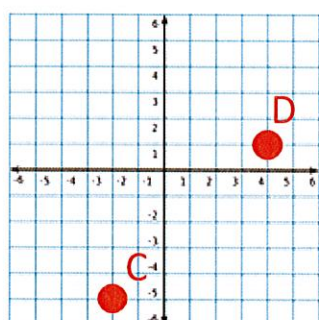
A (-2, 1)

B (4, -3)



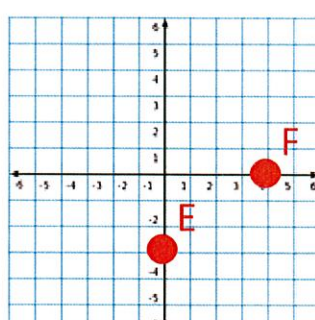
C (-2, -5)

D (4, 1)



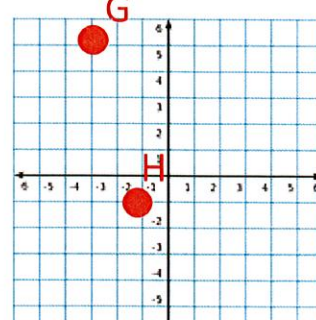
E (0, -3)

F (4, 0)



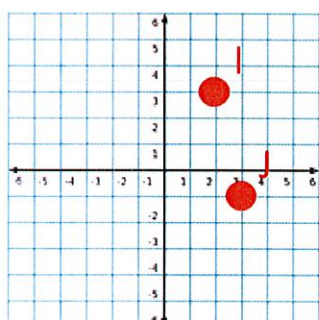
G (-3, 5)

H (-1, -1)



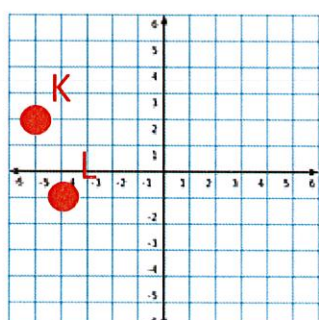
I (2, 4)

J (3, -1)



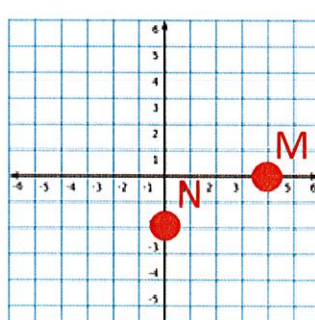
K (-5, 2)

L (-4, -1)



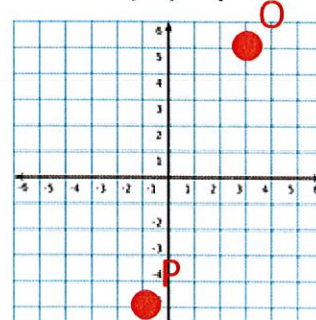
M (4, 0)

N (0, -2)



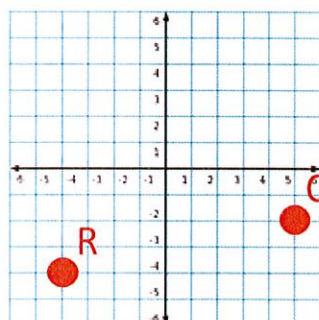
O (3, 5)

P (-1, -5)



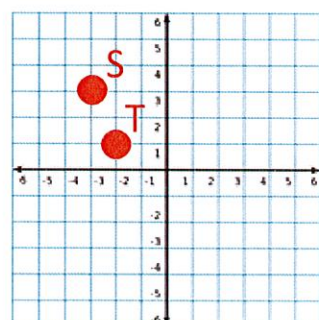
Q (5, -2)

R (-4, -4)



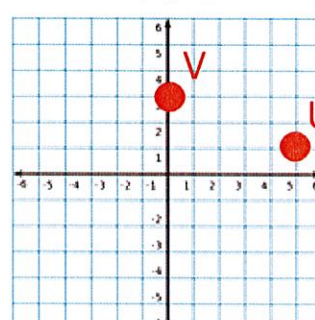
S (-3, 3)

T (-2, 1)



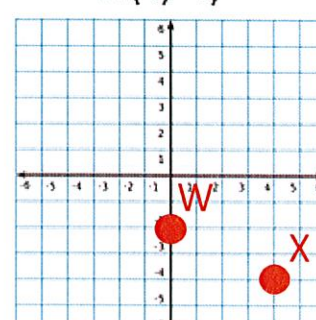
U (5, 1)

V (0, 3)



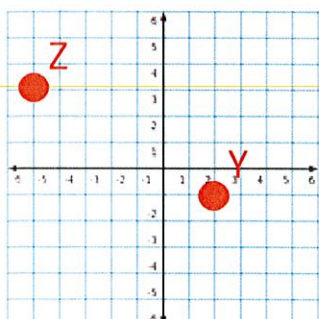
W (0, -2)

X (4, -4)



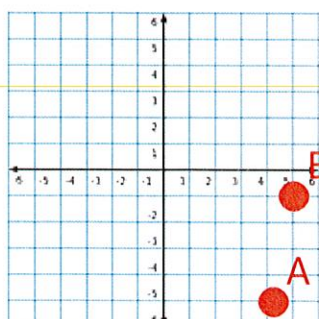
Y (2, -1)

Z (-5, 3)



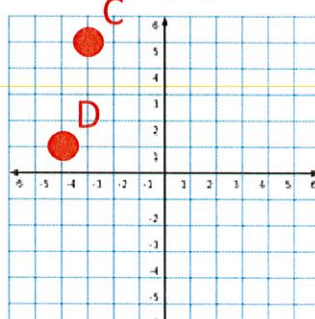
A (4, -5)

B (5, -1)



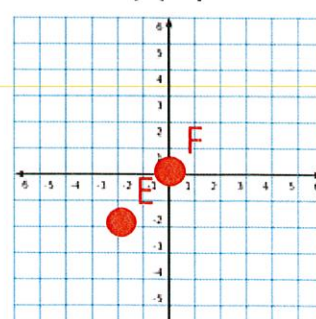
C (-3, 5)

D (-4, 1)

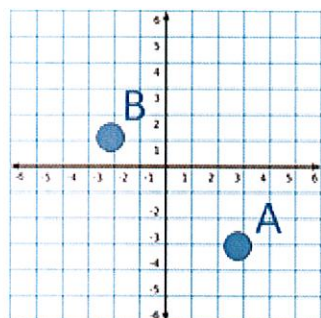
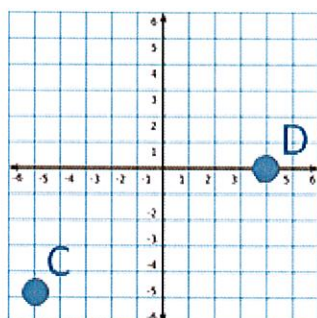
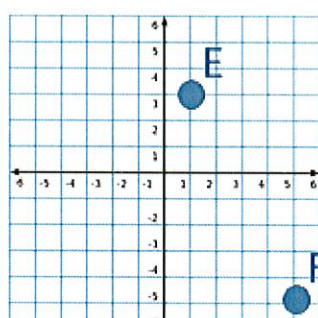
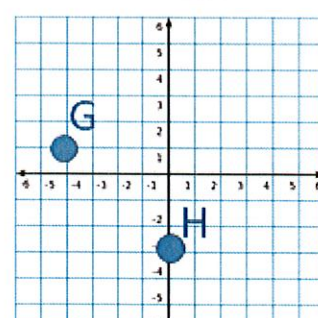
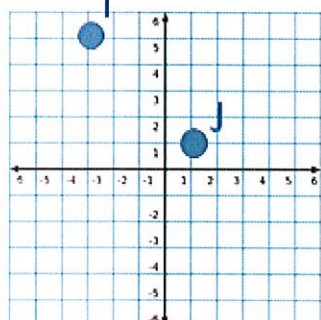
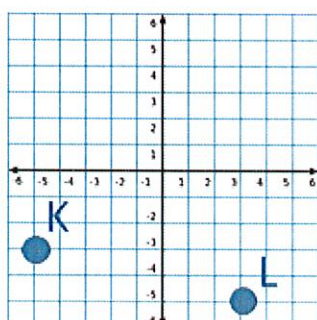
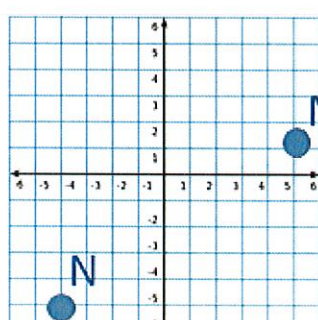
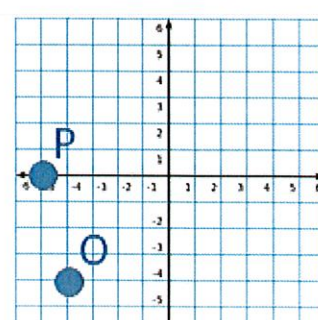
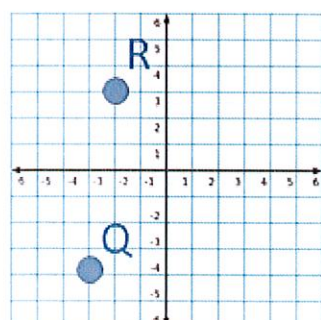
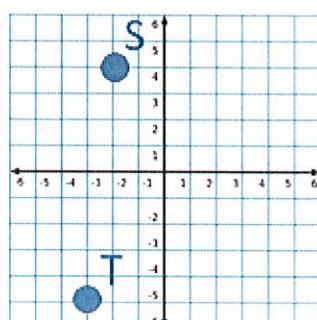
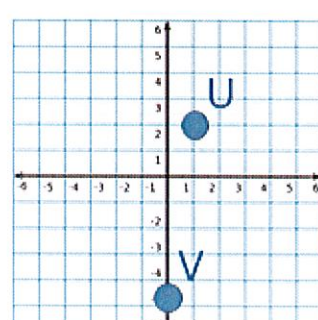
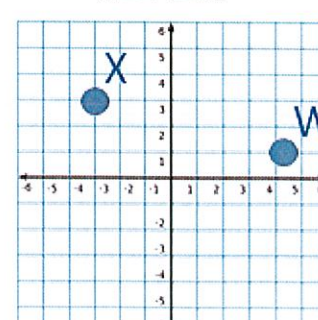
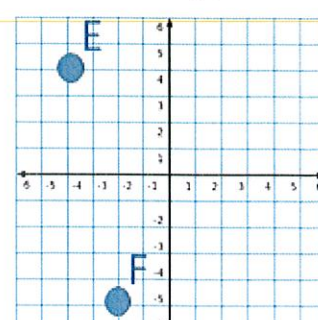
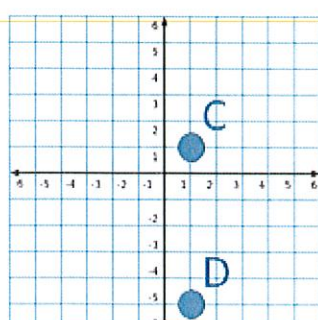
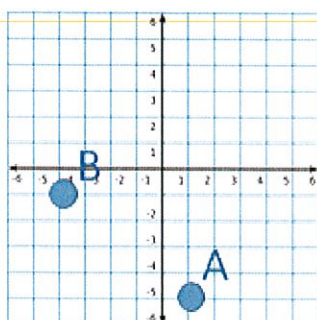
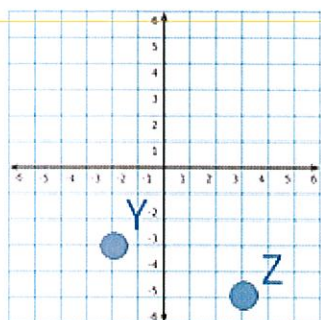


E (-2, -2)

F (0, 0)



Label the Points

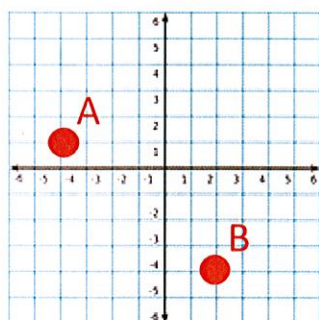
A (3, -3)B (-2, 1)C (-5, -5)D (4, 0)E (1, 3)F (5, -5)G (-5, 1)H (0, -3)I (-3, 5)J (1, 1)K (-5, -3)L (3, -5)M (5, 1)N (-4, -5)O (-4, -4)P (-5, 0)Q (-3, -4)R (-2, 3)S (-2, 4)T (-3, -5)U (1, 2)V (0, -4)W (-3, 3)X (5, 1)Y (-2, -3)Z (3, -5)A (1, -5)B (-4, -1)C (1, 1)D (1, -5)E (-4, 4)F (-2, -5)

Practice Worksheet 2

Plot the Points

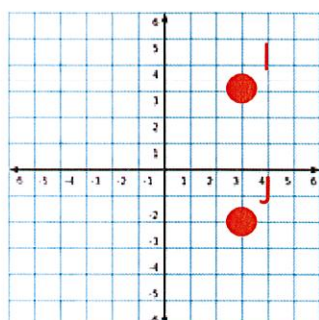
A (-4, 1)

B (2, -4)



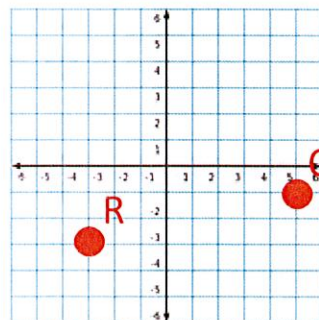
I (3, 3)

J (3, -2)



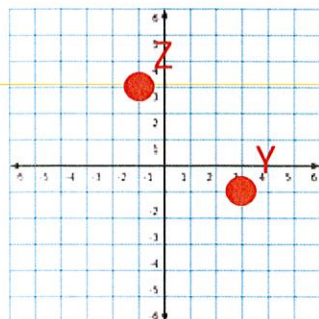
Q (5, -1)

R (-3, -3)



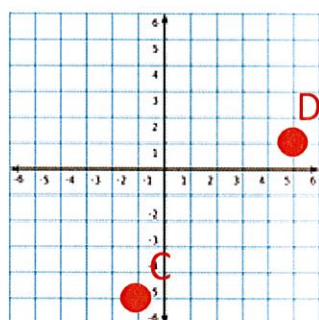
Y (3, -1)

Z (-1, 3)



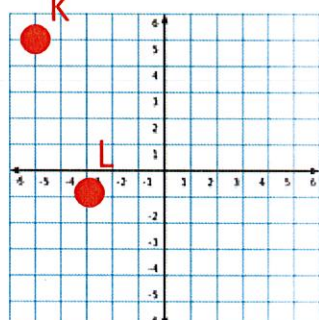
C (-1, -5)

D (5, 1)



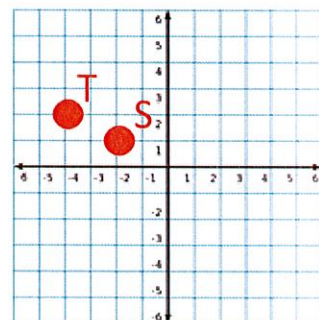
K (-5, 5)

L (-3, -1)



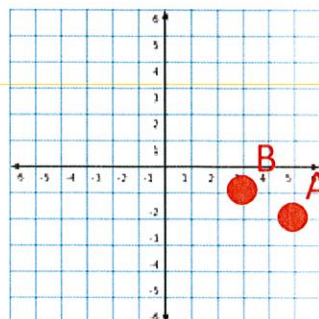
S (-2, 1)

T (-4, 2)



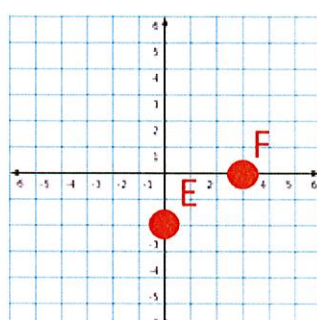
A (5, -2)

B (3, -1)



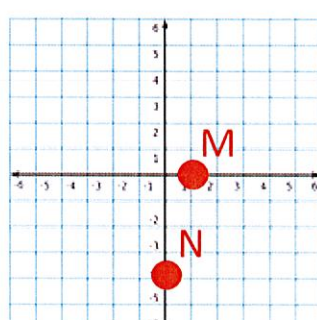
E (0, -2)

F (3, 0)



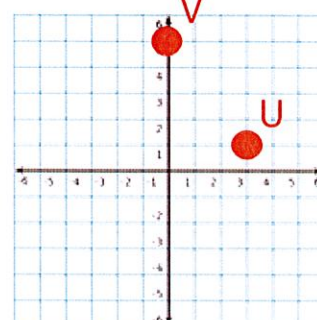
M (1, 0)

N (0, -4)



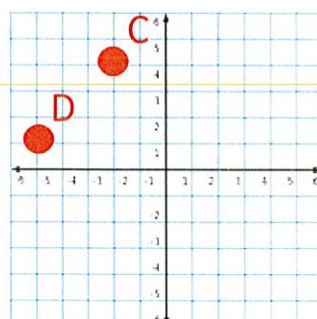
U (3, 1)

V (0, 5)



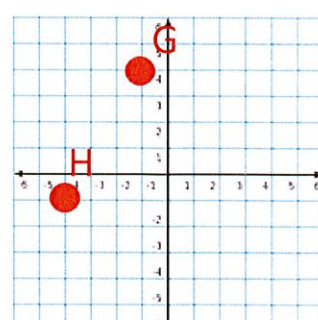
C (-2, 4)

D (-5, 1)



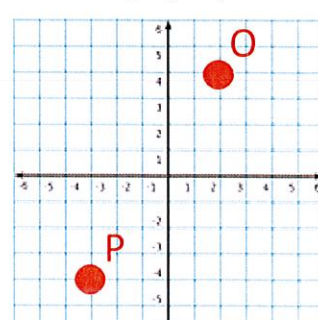
G (-1, 4)

H (-4, -1)



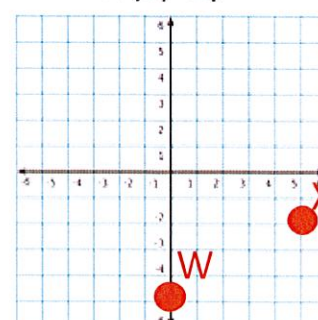
O (2, 4)

P (-3, -4)



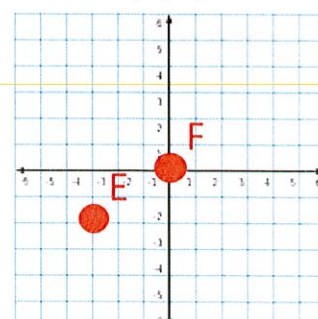
W (0, -5)

X (5, -2)



E (-3, -2)

F (0, 0)



PEMDAS

Grade 5 Order of Operations Worksheet

Solve the following.

1) $(5^3 - 4) \div 11 = 11$

2) $(67 - 18) \div 7 \times 3 = 21$

3) $10^2 - 3^2 \times 6 - 3 \times 2 = 40$

4) $(10^2 - 3^2) \times 6 - 3 \times 2 = 540$

5) $10^2 - 3^2 \times (6 - 3) \times 2 = 46$

6) $10 \times (5 + 3 + 7) - (6 + 2)^2 = 86$

7) $5^3 - (13 + 5 - 12)^2 \div 3 = 113$

8) $12 + 6^3 - (15 - 6)^2 + 2 = 149$

9) $(12 - 8)^2 + (7 \times 8 - 4) \div (6 - 2) = 29$

10) $11^2 - (7 + 5 - 9)^2 + 12 - (33 \div 2) = 89$

2-digit multiplication

Multiplication Practice Worksheet

$$\begin{array}{r} 79 \\ \times 67 \\ \hline 5,293 \end{array}$$

$$\begin{array}{r} 57 \\ \times 20 \\ \hline 1,140 \end{array}$$

$$\begin{array}{r} 71 \\ \times 65 \\ \hline 4,615 \end{array}$$

$$\begin{array}{r} 51 \\ \times 43 \\ \hline 2,193 \end{array}$$

$$\begin{array}{r} 24 \\ \times 55 \\ \hline 1,320 \end{array}$$

$$\begin{array}{r} 35 \\ \times 14 \\ \hline 490 \end{array}$$

$$\begin{array}{r} 64 \\ \times 81 \\ \hline 5,184 \end{array}$$

$$\begin{array}{r} 58 \\ \times 37 \\ \hline 2,146 \end{array}$$

$$\begin{array}{r} 34 \\ \times 54 \\ \hline 1,836 \end{array}$$

$$\begin{array}{r} 14 \\ \times 9 \\ \hline 126 \end{array}$$

$$\begin{array}{r} 14 \\ \times 81 \\ \hline 1,134 \end{array}$$

$$\begin{array}{r} 50 \\ \times 37 \\ \hline 1,850 \end{array}$$

$$\begin{array}{r} 64 \\ \times 84 \\ \hline 5,376 \end{array}$$

$$\begin{array}{r} 68 \\ \times 67 \\ \hline 4,556 \end{array}$$

$$\begin{array}{r} 81 \\ \times 84 \\ \hline 6,804 \end{array}$$

$$\begin{array}{r} 47 \\ \times 72 \\ \hline 3,384 \end{array}$$

$$\begin{array}{r} 49 \\ \times 46 \\ \hline 2,254 \end{array}$$

$$\begin{array}{r} 96 \\ \times 54 \\ \hline 5,184 \end{array}$$

$$\begin{array}{r} 14 \\ \times 32 \\ \hline 448 \end{array}$$

$$\begin{array}{r} 78 \\ \times 49 \\ \hline 3,822 \end{array}$$

Long division, no remainders

Division Practice Worksheet

Find the quotients.

$$\begin{array}{r} 250 \\ 4 \overline{) 1,000} \end{array}$$

$$\begin{array}{r} 347 \\ 7 \overline{) 2,429} \end{array}$$

$$\begin{array}{r} 2,420 \\ 2 \overline{) 4,840} \end{array}$$

$$\begin{array}{r} 106 \\ 7 \overline{) 742} \end{array}$$

$$\begin{array}{r} 1,094 \\ 8 \overline{) 8,752} \end{array}$$

$$\begin{array}{r} 583 \\ 6 \overline{) 3,498} \end{array}$$

$$\begin{array}{r} 1,317 \\ 3 \overline{) 3,951} \end{array}$$

$$\begin{array}{r} 655 \\ 9 \overline{) 5,895} \end{array}$$

$$\begin{array}{r} 888 \\ 7 \overline{) 6,216} \end{array}$$

Adding mixed numbers and fractions (unlike denominators)

Grade 5 Fractions Worksheet

Find the sum.

1. $5\frac{2}{9} + \frac{6}{7} = 6\frac{5}{63}$

2. $7\frac{2}{6} + \frac{1}{12} = 7\frac{5}{12}$

3. $1\frac{1}{10} + \frac{7}{8} = 1\frac{39}{40}$

4. $5\frac{4}{7} + \frac{1}{9} = 5\frac{43}{63}$

5. $2\frac{1}{2} + \frac{1}{5} = 2\frac{7}{10}$

6. $1\frac{8}{11} + \frac{2}{8} = 1\frac{43}{44}$

7. $10\frac{6}{10} + \frac{2}{4} = 11\frac{1}{10}$

8. $2\frac{1}{2} + \frac{5}{6} = 3\frac{1}{3}$

9. $6\frac{6}{7} + \frac{3}{9} = 7\frac{4}{21}$

10. $10\frac{2}{6} + \frac{5}{12} = 10\frac{3}{4}$

11. $1\frac{4}{11} + \frac{2}{5} = 1\frac{42}{55}$

12. $7\frac{8}{11} + \frac{3}{5} = 8\frac{18}{55}$

13. $7\frac{3}{10} + \frac{5}{12} = 7\frac{43}{60}$

14. $7\frac{2}{6} + \frac{1}{4} = 7\frac{7}{12}$

Subtracting unlike fractions

Grade 5 Fractions Worksheet

Find the difference.

1. $\frac{2}{9} - \frac{1}{6} = \frac{1}{18}$ _____

2. $\frac{16}{25} - \frac{2}{4} = \frac{7}{50}$ _____

3. $\frac{5}{7} - \frac{1}{3} = \frac{8}{21}$ _____

4. $\frac{5}{7} - \frac{2}{5} = \frac{11}{35}$ _____

5. $\frac{5}{9} - \frac{1}{3} = \frac{2}{9}$ _____

6. $\frac{6}{10} - \frac{1}{8} = \frac{19}{40}$ _____

7. $\frac{9}{16} - \frac{1}{4} = \frac{5}{16}$ _____

8. $\frac{3}{4} - \frac{2}{6} = \frac{5}{12}$ _____

9. $\frac{2}{3} - \frac{1}{8} = \frac{13}{24}$ _____

10. $\frac{8}{20} - \frac{1}{4} = \frac{3}{20}$ _____

11. $\frac{4}{7} - \frac{4}{8} = \frac{1}{14}$ _____

12. $\frac{5}{8} - \frac{2}{6} = \frac{7}{24}$ _____

Multiplying decimals in columns

Grade 5 Decimals Worksheet

Find the product.

$$\begin{array}{r} 1. \quad 76.2 \\ \times 0.41 \\ \hline 31.242 \end{array}$$

$$\begin{array}{r} 2. \quad 4.29 \\ \times 7.3 \\ \hline 31.317 \end{array}$$

$$\begin{array}{r} 3. \quad 34.4 \\ \times 0.02 \\ \hline 0.688 \end{array}$$

$$\begin{array}{r} 4. \quad 4.56 \\ \times 5.6 \\ \hline 25.536 \end{array}$$

$$\begin{array}{r} 5. \quad 6.86 \\ \times 6.9 \\ \hline 47.334 \end{array}$$

$$\begin{array}{r} 6. \quad 94.2 \\ \times 0.53 \\ \hline 49.926 \end{array}$$

Long division with decimals

Grade 5 Decimals Worksheet

Find the quotients. Round to 3 digits if necessary.

$$1) \quad \begin{array}{r} 1.8 \\ 0.4 \overline{) 0.72} \end{array}$$

$$2) \quad \begin{array}{r} 9.533 \\ 0.6 \overline{) 5.72} \end{array}$$

$$3) \quad \begin{array}{r} 0.3 \\ 0.6 \overline{) 0.18} \end{array}$$

$$4) \quad \begin{array}{r} 1.55 \\ 0.2 \overline{) 0.31} \end{array}$$

$$5) \quad \begin{array}{r} 3.625 \\ 0.8 \overline{) 2.9} \end{array}$$

$$6) \quad \begin{array}{r} 1,644.444 \\ 0.09 \overline{) 148} \end{array}$$

$$7) \quad \begin{array}{r} 1,076.667 \\ 0.3 \overline{) 323} \end{array}$$

$$8) \quad \begin{array}{r} 84.667 \\ 0.3 \overline{) 25.4} \end{array}$$

$$9) \quad \begin{array}{r} 12,125 \\ 0.04 \overline{) 485} \end{array}$$