

**Home Link 7-3 Coin Exchanges**

Show each amount below using the fewest coins. Use  $\frac{1}{2}$ ,  $\frac{1}{4}$ , and  $\frac{1}{8}$ . (Hint: Exchange pennies for nickels, and nickels for dimes.) Then write how much the coins are worth.

**Example:**  $\frac{1}{2}$  is the same as  $\frac{1}{4}$ . This is 6 cents.

1.  $\frac{1}{4}$  is the same as \_\_\_\_\_. This is \_\_\_\_\_ cents.

Draw the same amount using fewer coins.

2.  $\frac{1}{8}$  is the same as \_\_\_\_\_. This is \_\_\_\_\_ cents.

Draw the same amount using fewer coins.

3.  $\frac{1}{2}$  is the same as \_\_\_\_\_. This is \_\_\_\_\_ cents.

Draw the same amount using fewer coins.

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4. \_\_\_\_\_ is the same as \_\_\_\_\_. This is \_\_\_\_\_ cents.

Draw the same amount using fewer coins.

5. \_\_\_\_\_ is the same as \_\_\_\_\_. This is \_\_\_\_\_ cents.

Draw the same amount using fewer coins.

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**Practice**

6. Fill in the missing numbers.

10, 20, \_\_\_\_\_, \_\_\_\_\_, 50, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_