

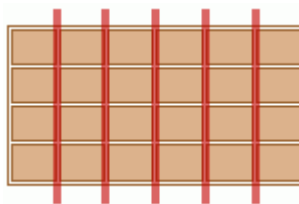
Finding Parts with Division



When you divide things to four equal parts, each part is $\frac{1}{4}$ (one-fourth) of the whole.

$$8 \div 4 = 2$$

$$\frac{1}{4} \text{ of } 8 \text{ is } \underline{2}.$$



When mom's 24 brownies are divided into 6 equal parts, each part is $\frac{1}{6}$ th of the whole.

How many pieces are in each one-sixth part?

$$24 \div 6 = 4$$

$$\frac{1}{6} \text{ of } 24 \text{ is } \underline{4}.$$

To find $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$ etc. part of something, divide by 2, 3, 4, 5, etc. (respectively).

To find $\frac{1}{n}$ part of something, divide by the number n .

1. Find a part. Write a division sentence as well.

a. $\frac{1}{6}$ of 30 is ____.

$$\underline{30} \div \underline{6} = \underline{5}$$

c. $\frac{1}{7}$ of 49 is ____.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

e. $\frac{1}{10}$ of 250 is ____.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

b. $\frac{1}{2}$ of 480 is ____.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

d. $\frac{1}{9}$ of 1,800 is ____.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

f. $\frac{1}{5}$ of 400 is ____.

$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

2. a. Marsha got \$18 from her mom. She put into her savings \$6 or one-_____ part of it.

Division sentence: $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

b. Mariana spent one-fourth of her \$80 savings, or \$_____.

Division sentence: $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

c. One-fifth (which was 5 boys) of all the boys went jogging. So all total there were _____ boys.

Division sentence: $\underline{\quad} \div \underline{\quad} = \underline{\quad}$