

Name \_\_\_\_\_

Date \_\_\_\_\_

## Mathematics

### Equivalent Fractions

#### Example:

**Jim made 50 dog treats to sell at the school fair. He sold  $\frac{7}{10}$  of the dog treats. How many dog treats did Jim sell?**

$$\frac{7}{10} = \frac{?}{50}$$

$$\frac{7}{10} = \frac{7 \times 5}{10 \times 5} = \frac{35}{50}$$

35 dog treats

The fractions tells us that Jim sold **35** out of **50** dog treats he made

#### Solve the word problems.

1. Carmen's dad grilled 30 burgers for her volleyball team's picnic. He put cheese on  $\frac{2}{5}$  of the burgers to make cheeseburgers. How many cheeseburgers did Carmen's dad make?

Answer \_\_\_\_\_ cheese burgers



### Equivalent fractions

You can find equivalent fractions quickly by multiplying the numerator and denominator by the same number.

$\frac{1}{2}$	$\frac{2}{4}$
$\frac{3}{6}$	
$\frac{4}{8}$	

To cancel a fraction to its simplest form, divide the numerator and denominator by the same amount.

$\frac{10}{20}$	$\frac{1}{2}$
+10	-10

$\frac{10}{15}$	$\frac{2}{3}$
+5	-5

**Top Tip**  
Learn your times tables thoroughly to make simplifying fractions easier to do.

2. One Monday morning, there were 36 bikes at Wheeler Elementary School. Only 5 out of every 6 bikes were locked up. How many bikes were locked up?

Answer \_\_\_\_\_ bikes



3. Mandy's pet cat, Snoozer, spends  $\frac{2}{3}$  of his time sleeping. How many hours each day does Snoozer sleep? *Hint: There are 24 hours in a day.*

Answer \_\_\_\_\_ hours



4. Isaac baked cookies for his family yesterday, and  $\frac{5}{8}$  of them are already gone! He baked 56 cookies altogether. How many cookies did his family eat?

Answer \_\_\_\_\_ cookies



5. A Flemish Giant rabbit can weigh up to 22 pounds. That's more than a bowling ball weighs! At Rancho Rabbit Rescue,  $\frac{2}{11}$  of the rabbits are Flemish Giants. There are a total of 33 rabbits at the rescue center. How many rabbits at the rescue center are Flemish Giants?

Answer \_\_\_\_\_ rabbits

