

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.

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

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

