Fraction Word Problems: Grade 5, Set B

Name: _____

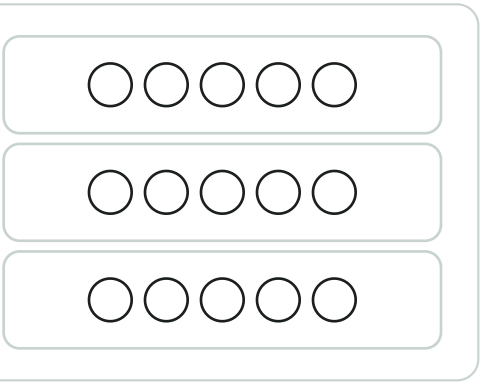
A fraction of a group, sharing, and a fraction of a fraction

Read each story. Use the picture to help you. Fill in the equation, then write your answer.

1 There are 15 books on a shelf. $\frac{1}{3}$ of them are about animals. How many books are about animals?

$\frac{1}{3} \times 15 = \square$

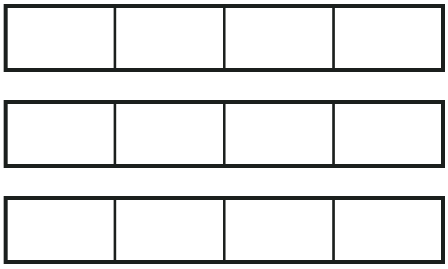
Answer: $\square$ books



2 4 friends share 3 granola bars equally. How much of a granola bar does each friend get?

$\square \div \square = \frac{\square}{\square}$

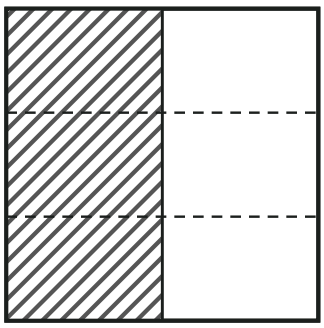
Answer: $\frac{\square}{\square}$ of a bar



3 There is $\frac{1}{2}$ of a pizza left in the box. Jay eats $\frac{1}{3}$ of what is left. What fraction of the whole pizza does Jay eat?

$\frac{\square}{\square} \times \frac{\square}{\square} = \frac{\square}{\square}$

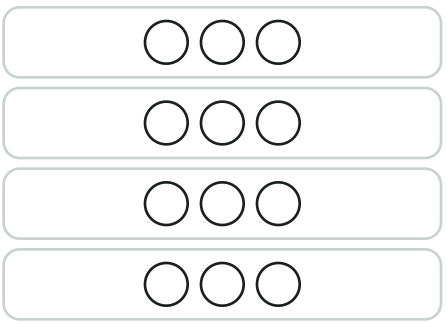
Answer: $\frac{\square}{\square}$ of the pizza



4 A team has 12 players. $\frac{3}{4}$ of them have played before. The rest are new. How many players are new?

$\frac{\square}{\square} \times \square = \square$ then $\square - \square = \square$

Answer: $\square$ players



Fraction Word Problems: Grade 5, Set B (Answer Key)

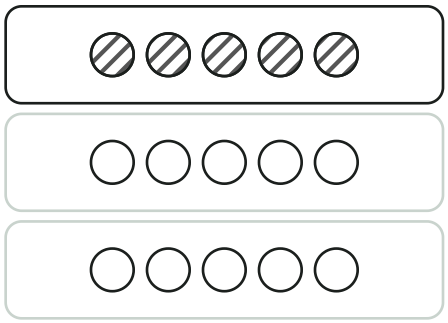
A fraction of a group, sharing, and a fraction of a fraction

Read each story. Use the picture to help you. Fill in the equation, then write your answer.

1 There are 15 books on a shelf. $\frac{1}{3}$ of them are about animals. How many books are about animals?

$$\frac{1}{3} \times 15 = 5$$

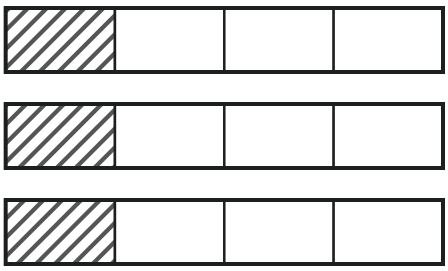
Answer: **5** books



2 4 friends share 3 granola bars equally. How much of a granola bar does each friend get?

$$3 \div 4 = \frac{3}{4}$$

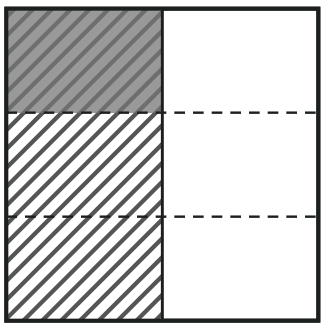
Answer: $\frac{3}{4}$ of a bar



3 There is $\frac{1}{2}$ of a pizza left in the box. Jay eats $\frac{1}{3}$ of what is left. What fraction of the whole pizza does Jay eat?

$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

Answer: $\frac{1}{6}$ of the pizza



4 A team has 12 players. $\frac{3}{4}$ of them have played before. The rest are new. How many players are new?

$$\frac{3}{4} \times 12 = 9 \text{ then } 12 - 9 = 3$$

Answer: **3** players

