Mixed Word Problems: Grade 5, Set B

Name: _____

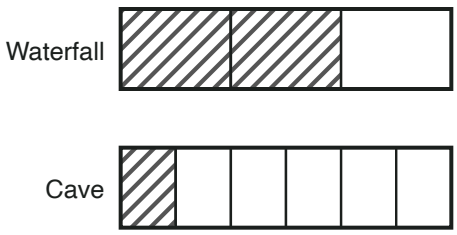
Fractions: add, subtract, multiply or divide

Read each story. Decide which operation to use. Fill in the equation and its sign, then your answer.

1 Tess hikes $\frac{2}{3}$ of a mile to a waterfall. Then she hikes $\frac{1}{6}$ of a mile farther to a cave. How far does she hike in all?

$\frac{4}{6} + \frac{1}{6} = \frac{\square}{\square}$

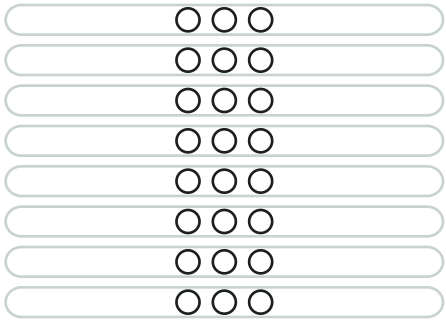
Answer: $\frac{\square}{\square}$ of a mile



2 A class of 24 students votes on a field trip. $\frac{5}{8}$ of them choose the zoo. How many students choose the zoo?

$\frac{\square}{\square} \bigcirc \square = \square$

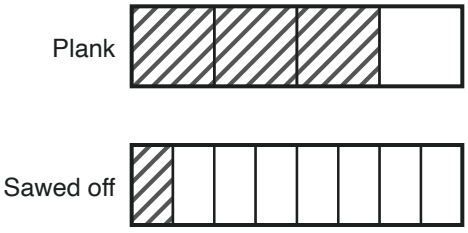
Answer: $\square$ students



3 A plank is $\frac{3}{4}$ of a meter long. A carpenter saws off $\frac{1}{8}$ of a meter. How long is the plank now?

$\frac{\square}{\square} \bigcirc \frac{\square}{\square} = \frac{\square}{\square}$

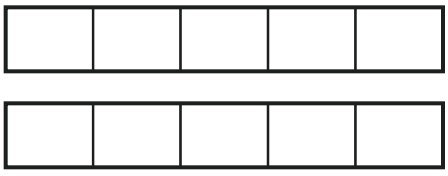
Answer: $\frac{\square}{\square}$ of a meter



4 5 gardeners share 2 bags of soil equally. How much of a bag does each gardener get?

$\square \bigcirc \square = \frac{\square}{\square}$

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



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

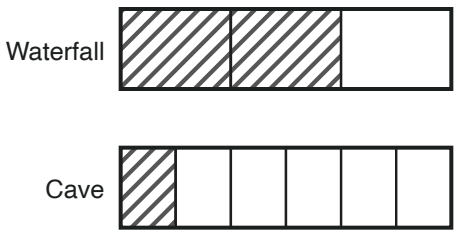
Fractions: add, subtract, multiply or divide

Read each story. Decide which operation to use. Fill in the equation and its sign, then your answer.

1 Tess hikes $\frac{2}{3}$ of a mile to a waterfall. Then she hikes $\frac{1}{6}$ of a mile farther to a cave. How far does she hike in all?

$$\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$$

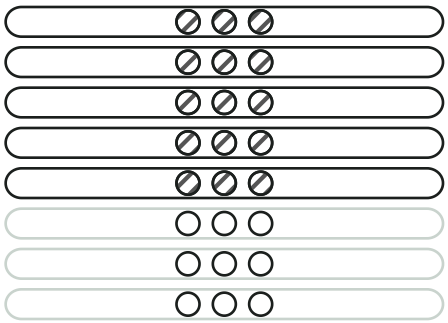
Answer: $\frac{5}{6}$ of a mile



2 A class of 24 students votes on a field trip. $\frac{5}{8}$ of them choose the zoo. How many students choose the zoo?

$$\frac{5}{8} \times 24 = 15$$

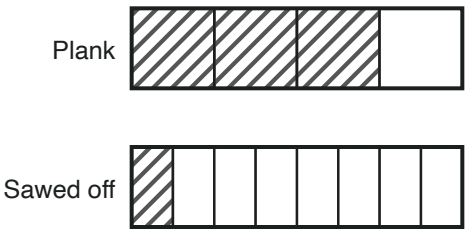
Answer: **15** students



3 A plank is $\frac{3}{4}$ of a meter long. A carpenter saws off $\frac{1}{8}$ of a meter. How long is the plank now?

$$\frac{6}{8} - \frac{1}{8} = \frac{5}{8}$$

Answer: $\frac{5}{8}$ of a meter



4 5 gardeners share 2 bags of soil equally. How much of a bag does each gardener get?

$$2 \div 5 = \frac{2}{5}$$

Answer: $\frac{2}{5}$ of a bag

