

Choose the operation in fraction word problems

NAME	DATE	SCORE / 10
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- 1** A rope is 12 metres long. Noah uses $\frac{1}{2}$ of the rope. Which calculation finds how many metres of rope Noah uses?

☐ $\frac{1}{2} \div 12$
 ☐ $12 \div \frac{1}{2}$
 ☐ $12 - \frac{1}{2}$
 ☐ $\frac{1}{2} \times 12$

- 2** Ivy pours $\frac{2}{3}$ litre of juice equally into 4 cups. Which calculation finds how much juice, in litres, is in each cup?

☐ $4 - \frac{2}{3}$
 ☐ $\frac{2}{3} \div 4$
 ☐ $\frac{2}{3} \times 4$
 ☐ $4 \div \frac{2}{3}$

- 3** Each bag holds $\frac{1}{2}$ kilogram of nuts. Which calculation finds how many kilograms of nuts 7 bags hold?

☐ $7 + \frac{1}{2}$
 ☐ $7 \div \frac{1}{2}$
 ☐ $7 \times \frac{1}{2}$
 ☐ $\frac{1}{2} \div 7$

- 4** Emma has $\frac{1}{3}$ cup of yogurt. Each serving is $\frac{1}{6}$ cup of yogurt. Which calculation finds the number of servings Emma has?

☐ $\frac{1}{3} \times \frac{1}{6}$
 ☐ $\frac{1}{3} \div \frac{1}{6}$
 ☐ $\frac{1}{3} - \frac{1}{6}$
 ☐ $\frac{1}{6} \div \frac{1}{3}$

- 5** Ana has 6 cups of rice. Each bowl gets $\frac{1}{2}$ cup of rice. Which calculation finds the number of bowls Ana can fill?

☐ $6 \div \frac{1}{2}$
 ☐ $6 \times \frac{1}{2}$
 ☐ $\frac{1}{2} \div 6$
 ☐ $6 - \frac{1}{2}$

6 Leo walks $\frac{1}{3}$ kilometre to the park. Then Leo walks $\frac{1}{2}$ kilometre to school. Which calculation finds how far Leo walks in all, in kilometres?

☐ $\frac{1}{3} \div \frac{1}{2}$
 ☐ $\frac{1}{2} - \frac{1}{3}$
 ☐ $\frac{1}{3} \times \frac{1}{2}$
 ☐ $\frac{1}{3} + \frac{1}{2}$

7 A jug holds $\frac{5}{8}$ litre of juice. Leo pours out $\frac{1}{3}$ litre of the juice. Which calculation finds how much juice, in litres, is left in the jug?

☐ $\frac{5}{8} - \frac{1}{3}$
 ☐ $\frac{5}{8} + \frac{1}{3}$
 ☐ $\frac{5}{8} \times \frac{1}{3}$
 ☐ $\frac{5}{8} \div \frac{1}{3}$

8 Noah pours $\frac{1}{2}$ litre of juice equally into 4 cups. Which calculation finds how much juice, in litres, is in each cup?

☐ $4 \div \frac{1}{2}$
 ☐ $4 - \frac{1}{2}$
 ☐ $\frac{1}{2} \times 4$
 ☐ $\frac{1}{2} \div 4$

9 Ana pours $\frac{2}{3}$ litre of juice equally into 7 cups. Which calculation finds how much juice, in litres, is in each cup?

☐ $7 \div \frac{2}{3}$
 ☐ $\frac{2}{3} \times 7$
 ☐ $7 - \frac{2}{3}$
 ☐ $\frac{2}{3} \div 7$

10 A rope is 4 metres long. Dev uses $\frac{1}{2}$ of the rope. Which calculation finds how many metres of rope Dev uses?

☐ $4 - \frac{1}{2}$
 ☐ $\frac{1}{2} \div 4$
 ☐ $\frac{1}{2} \times 4$
 ☐ $4 \div \frac{1}{2}$

Choose the operation in fraction word problems

1 $\frac{1}{2} \times 12$

3 $7 \times \frac{1}{2}$

5 $6 \div \frac{1}{2}$

7 $\frac{5}{8} - \frac{1}{3}$

9 $\frac{2}{3} \div 7$

2 $\frac{2}{3} \div 4$

4 $\frac{1}{3} \div \frac{1}{6}$

6 $\frac{1}{3} + \frac{1}{2}$

8 $\frac{1}{2} \div 4$

10 $\frac{1}{2} \times 4$