

Choose the operation in fraction word problems

NAME	DATE	SCORE / 10
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- 1** Maya pours $\frac{1}{4}$ litre of juice equally into 4 cups. Which calculation finds how much juice, in litres, is in each cup?

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

- 2** Each bag holds $\frac{2}{3}$ kilogram of nuts. Which calculation finds how many kilograms of nuts 8 bags hold?

☐ $\frac{2}{3} \div 8$
☐ $8 \div \frac{2}{3}$
☐ $8 + \frac{2}{3}$
☐ $8 \times \frac{2}{3}$

- 3** A jug holds $\frac{2}{3}$ litre of juice. Emma pours out $\frac{1}{4}$ litre of the juice. Which calculation finds how much juice, in litres, is left in the jug?

☐ $\frac{2}{3} + \frac{1}{4}$
☐ $\frac{2}{3} \times \frac{1}{4}$
☐ $\frac{2}{3} - \frac{1}{4}$
☐ $\frac{2}{3} \div \frac{1}{4}$

- 4** A rope is 21 metres long. Ben uses $\frac{2}{3}$ of the rope. Which calculation finds how many metres of rope Ben uses?

☐ $21 \div \frac{2}{3}$
☐ $\frac{2}{3} \div 21$
☐ $\frac{2}{3} \times 21$
☐ $21 - \frac{2}{3}$

- 5** Leo walks $\frac{1}{2}$ kilometre to the park. Then Leo walks $\frac{1}{8}$ kilometre to school. Which calculation finds how far Leo walks in all, in kilometres?

☐ $\frac{1}{2} \div \frac{1}{8}$
☐ $\frac{1}{2} - \frac{1}{8}$
☐ $\frac{1}{2} \times \frac{1}{8}$
☐ $\frac{1}{2} + \frac{1}{8}$

6 Ben has 3 cups of rice. Each bowl gets $\frac{1}{8}$ cup of rice. Which calculation finds the number of bowls Ben can fill?

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

7 Ivy has $\frac{1}{2}$ cup of yogurt. Each serving is $\frac{1}{4}$ cup of yogurt. Which calculation finds the number of servings Ivy has?

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

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

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

9 Leo pours $\frac{3}{8}$ litre of juice equally into 8 cups. Which calculation finds how much juice, in litres, is in each cup?

☐ $\frac{3}{8} \div 8$
 ☐ $8 \div \frac{3}{8}$
 ☐ $8 - \frac{3}{8}$
 ☐ $\frac{3}{8} \times 8$

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

☐ $\frac{1}{4} \times 8$
 ☐ $8 - \frac{1}{4}$
 ☐ $8 \div \frac{1}{4}$
 ☐ $\frac{1}{4} \div 8$

Choose the operation in fraction word problems

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

2 $8 \times \frac{2}{3}$

3 $\frac{2}{3} - \frac{1}{4}$

4 $\frac{2}{3} \times 21$

5 $\frac{1}{2} + \frac{1}{8}$

6 $3 \div \frac{1}{8}$

7 $\frac{1}{2} \div \frac{1}{4}$

8 $\frac{2}{3} \div 7$

9 $\frac{3}{8} \div 8$

10 $\frac{1}{4} \div 8$