

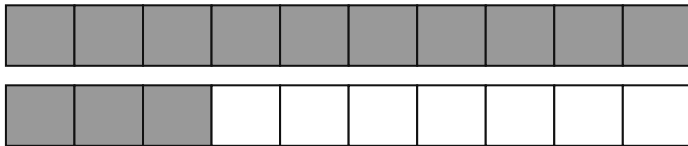
Fraction addition and subtraction word problems

Independent practice · 8 questions · US Letter

Take your time. Show your thinking. All equivalent answers are welcome unless a particular form is requested.

1. Two ribbon lengths measure $1 \frac{3}{10}$ meters and $\frac{3}{8}$ meters. What is their total length in meters?

$1 \frac{3}{10}$



$\frac{3}{8}$



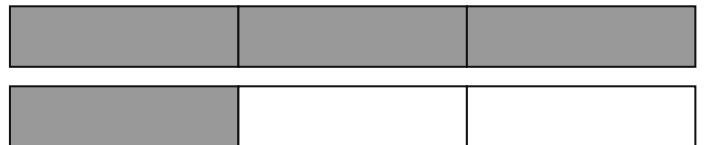
Answer: _____

2. A jug holds $1 \frac{5}{12}$ liters. You pour out $1 \frac{1}{3}$ liters. How many liters remain?

$1 \frac{5}{12}$



$1 \frac{1}{3}$



Answer: _____

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3. A jug has $2\frac{9}{11}$ liters of water. Another $1\frac{2}{5}$ liters are poured in. How many liters are there now?

Answer: _____

4. A jug has $1\frac{7}{9}$ liters of water. Another $1\frac{3}{6}$ liters are poured in. How many liters are there now?

Answer: _____

5. A jug holds $1\frac{5}{8}$ liters. You pour out $1\frac{1}{5}$ liters. How many liters remain?

Answer: _____

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- 6.** A path has a $1\frac{2}{4}$ -meter section followed by a $\frac{2}{3}$ -meter section. How many meters long is the path? Which reason would help you solve this correctly?
- A. Picture the situation. Decide whether amounts are being combined or taken away, then compare the result with a nearby whole number before calculating exactly.
 - B. Add the numerators and denominators separately.
 - C. The denominator counts only the shaded parts.

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- 7.** Two ribbon lengths measure $2\frac{8}{10}$ meters and $\frac{2}{8}$ meters. What is their total length in meters?

Answer: _____

- 8.** Find $1\frac{4}{11} - 1\frac{1}{3}$.

Answer: _____