

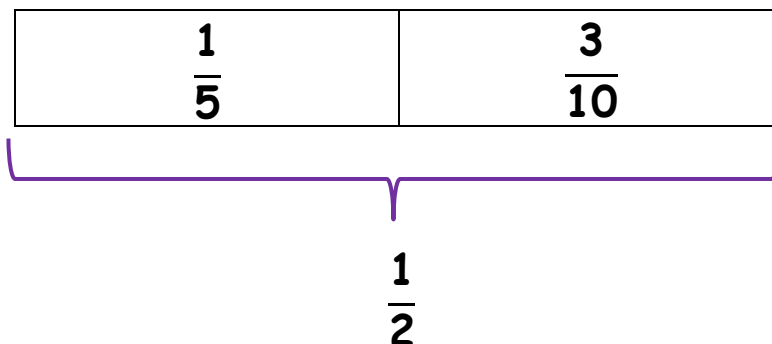
Fractions in Real World (Addition and Subtraction)

Bell Work

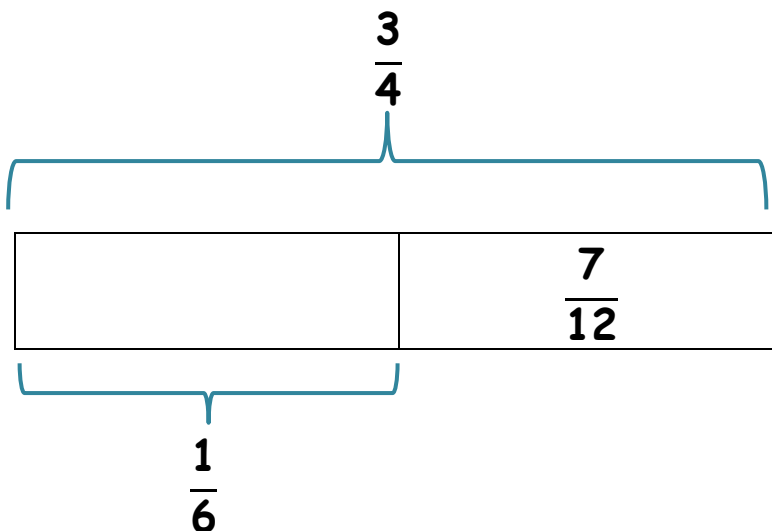
Math 5

Part A: Fill in the blanks to make the following statements true.

1. Using the figure below, $\frac{1}{5} + \underline{\hspace{2cm}} = \frac{1}{2}$.



2. Using the figure below, $\frac{3}{4} - \underline{\hspace{2cm}} = \frac{1}{6}$.



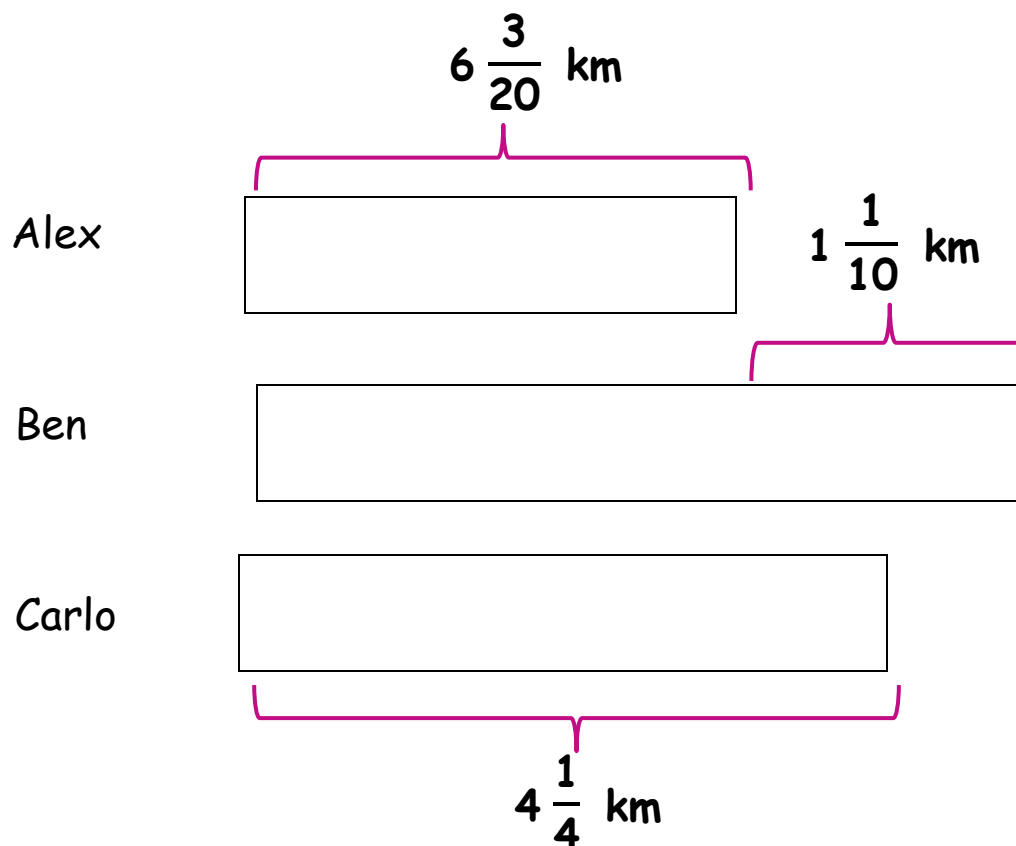
3. $\frac{1}{8} + \frac{3}{4} = \frac{3}{8} + \underline{\hspace{2cm}}$.

Fractions in Real World (Addition and Subtraction)

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Math 5

Part B: Use the models below to compare the distances ran by Alex, Ben, and Carlo. Answer the questions that follow.



1. How far was Ben able to cover?
2. How much further did Ben run than Alex did?
3. How far did the three run altogether?

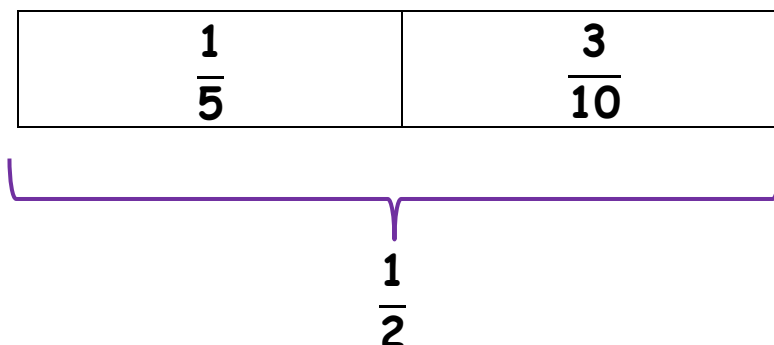
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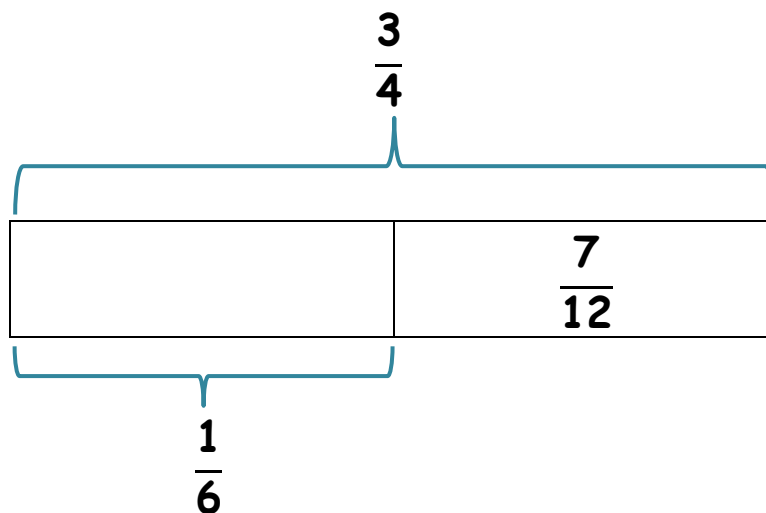
Math 5

Part A: Fill in the blanks to make the following statements true.

1. Using the figure below, $\frac{1}{5} + \frac{\text{3}}{\text{10}} = \frac{1}{2}$.



2. Using the figure below, $\frac{3}{4} - \frac{\text{7}}{\text{12}} = \frac{1}{6}$.



3. $\frac{1}{8} + \frac{3}{4} = \frac{3}{8} + \frac{\text{1}}{\text{2}}$.

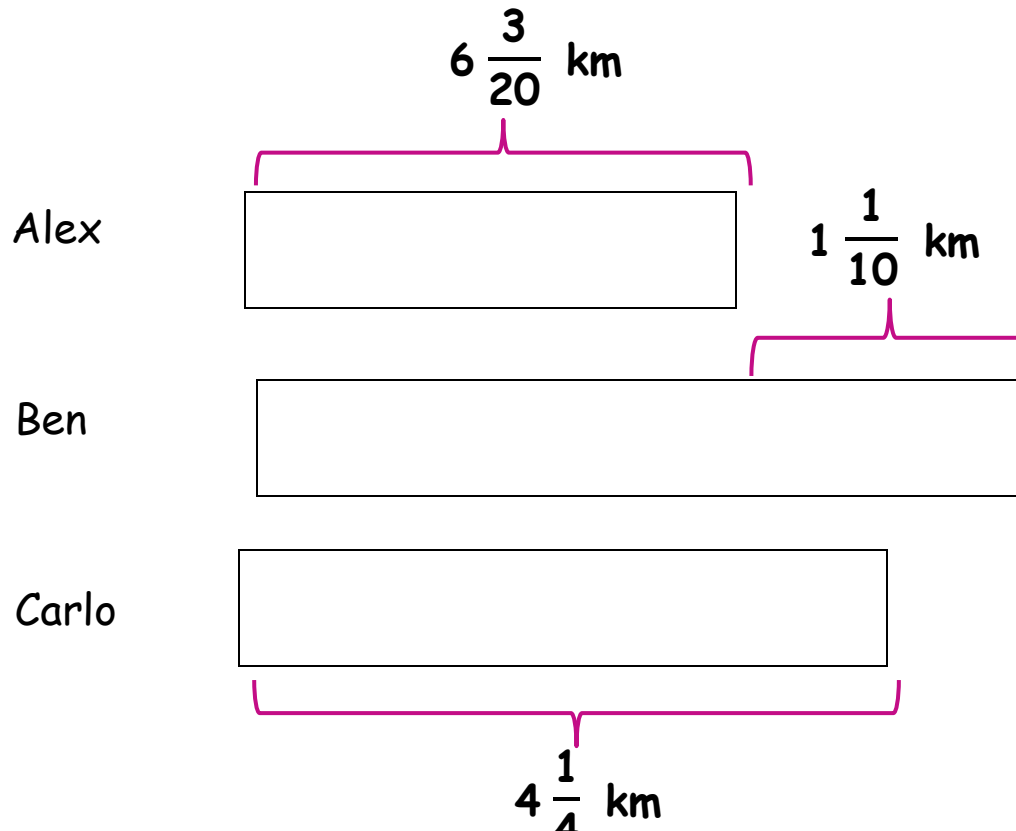
$$\frac{1}{8} + \frac{6}{8} = \frac{7}{8} \quad \longrightarrow \quad \frac{7}{8} - \frac{3}{8} = \frac{4}{8} = \frac{1}{2}$$

Fractions in Real World (Addition and Subtraction)

Bell Work

Math 5

Part B: Use the models below to compare the distances ran by Alex, Ben, and Carlo. Answer the questions that follow.



1. How far was Ben able to cover?

$$\text{Ben's distance} = 6 \frac{3}{20} + 1 \frac{1}{10} = 7 \frac{5}{20} = 7 \frac{1}{4} \text{ km}$$

2. How much further did Ben run than Alex did?

From the models, we can see that Ben ran $1 \frac{1}{10}$ km more.

3. How far did the three run altogether?

$$\text{They ran a total of } 7 \frac{1}{4} + 6 \frac{3}{20} + 4 \frac{1}{4} = 17 \frac{13}{20} \text{ km.}$$