

Who We Are – Week 2 – Math Assessment

1. Fill in the blanks and compare the fractions.

a.



<input type="text"/>	<hr/>	<input type="text"/>
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<input type="text"/>	<hr/>	<input type="text"/>
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$\frac{\text{ }}{\text{ }} =$ is less than $\frac{\text{ }}{\text{ }} =$

b.



<input type="text"/>	<hr/>	<input type="text"/>
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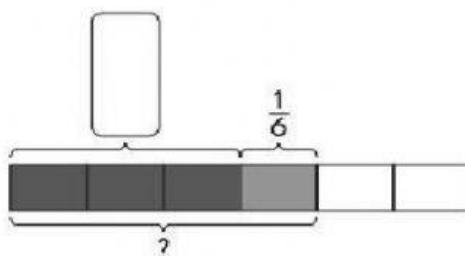


<input type="text"/>	<hr/>	<input type="text"/>
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$\frac{\text{ }}{\text{ }} =$ is greater than $\frac{\text{ }}{\text{ }} =$

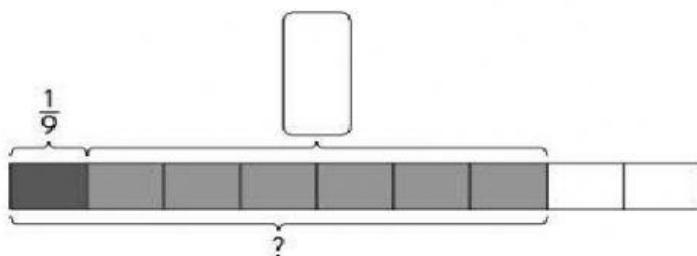
**2. Complete the model.
Add the fractions.**

1.



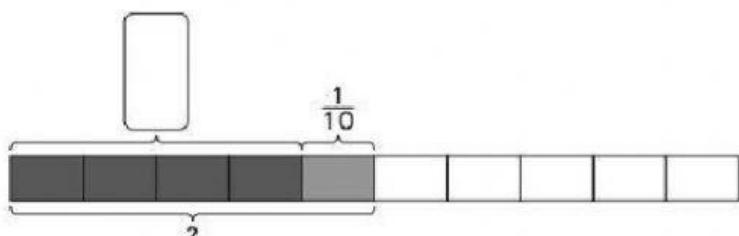
$$\frac{\square}{6} + \frac{1}{6} = \square$$

2.



$$\frac{1}{9} + \frac{\square}{9} = \square$$

3.



$$\frac{\square}{10} + \frac{1}{10} = \square$$

3. Add the fractions:

$$\frac{1}{2} + \frac{1}{2} =$$

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

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

What fraction should you add to the sum of $\frac{2}{10}$ and $\frac{3}{10}$ to get 1 whole?

4. Fill in the blanks and compare the fractions.

a. $\frac{2}{5}$ and $\frac{2}{7}$

_____ is greater than _____.

$\frac{5}{12}$ and $\frac{5}{8}$

b. _____ is greater than _____.

c. Which is greater, $\frac{3}{4}$ or $\frac{3}{7}$?

$$\frac{3}{4} = \frac{3 \times \boxed{}}{4 \times \boxed{}} = \frac{\boxed{}}{28}$$

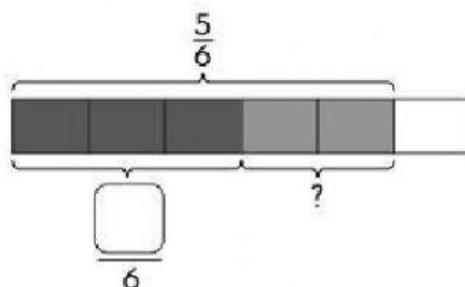
$$\frac{3}{7} = \frac{3 \times \boxed{}}{7 \times \boxed{}} = \frac{\boxed{}}{28}$$

_____ is greater than _____.

So, _____ is greater.

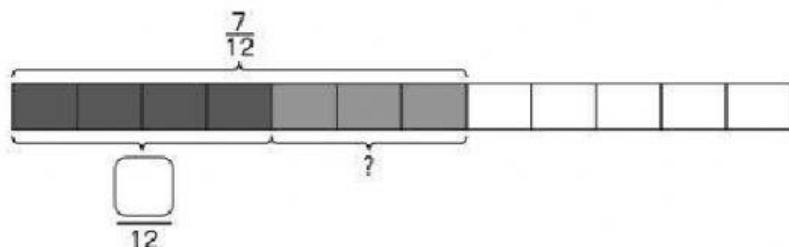
**5. Complete the model.
Subtract the fractions.**

1.



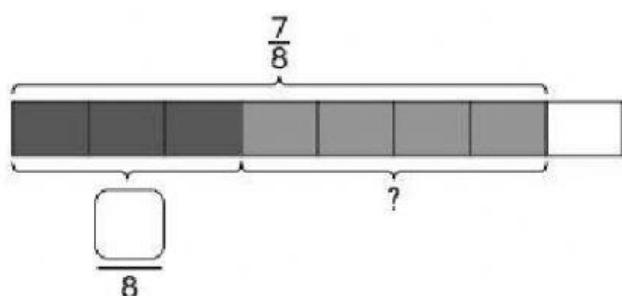
$$\frac{5}{6} - \frac{\square}{6} = \square$$

2.



$$\frac{7}{12} - \frac{\square}{12} = \square$$

3.



$$\frac{7}{8} - \frac{\square}{8} = \square$$

6. Subtract the fractions:

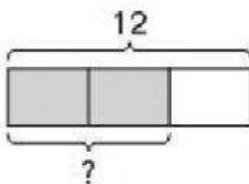
$$\frac{6}{7} - \frac{4}{7} = \square$$

$$\frac{5}{6} - \frac{2}{6} - \frac{1}{6} = \square$$

$$\frac{7}{12} - \frac{5}{12} - \frac{1}{12} = \square$$

7. Solve and fill in the gaps:

$\frac{2}{3}$ of the 12 beetles are brown. How many beetles are brown?



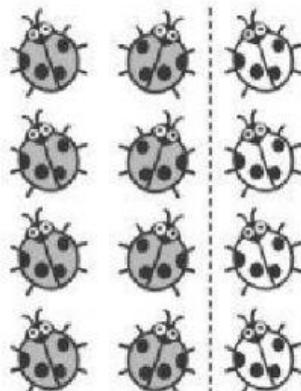
3 units \rightarrow 12

$$\begin{aligned}1 \text{ unit} &\rightarrow \boxed{} \div \boxed{} \\&= \boxed{}\end{aligned}$$

$$\begin{aligned}2 \text{ units} &\rightarrow \boxed{} \times \boxed{} \\&= \boxed{}\end{aligned}$$

$\frac{2}{3}$ of 12 is $\boxed{}$.

So, $\boxed{}$ of the beetles are brown.



8. $\frac{4}{7}$ of the 21 breakfast bars are vanilla flavored.

How many breakfast bars are vanilla flavored?

9. $\frac{2}{3}$ of the 60 shirts are blue.

How many shirts are blue?