

Who We Are – Week 2 – Math Assessment

1. Fill in the blanks and compare the fractions.

a.



is less than

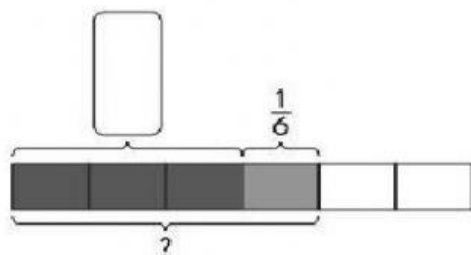
b.



is greater than

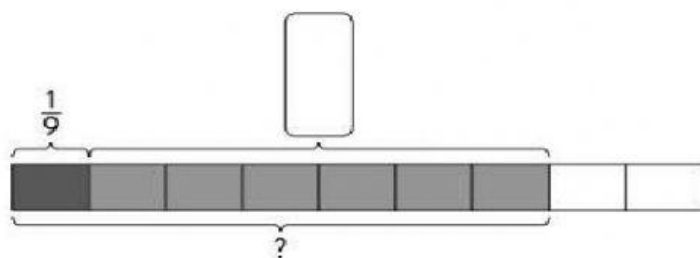
**2. Complete the model.
Add the fractions.**

1.



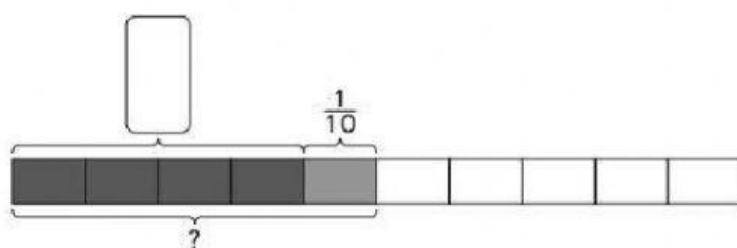
$$\frac{\boxed{}}{6} + \frac{1}{6} = \boxed{}$$

2.



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

3.



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

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 $\frac{3}{7}$?

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

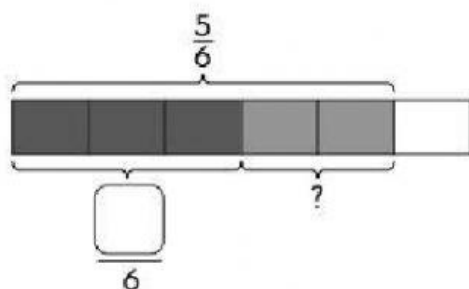
$$\frac{3}{7} = \frac{3 \times \boxed{}}{7 \times \boxed{}} = \frac{\boxed{}}{28}$$

_____ is greater than _____.

So, _____ is greater.

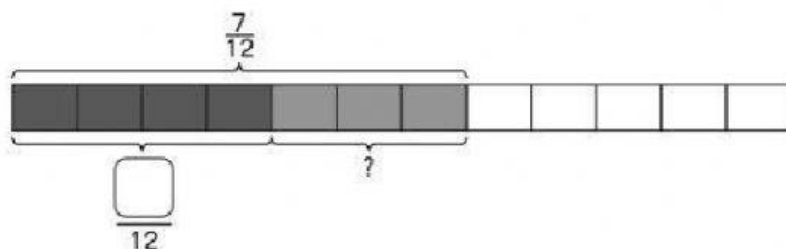
**5. Complete the model.
Subtract the fractions.**

1.



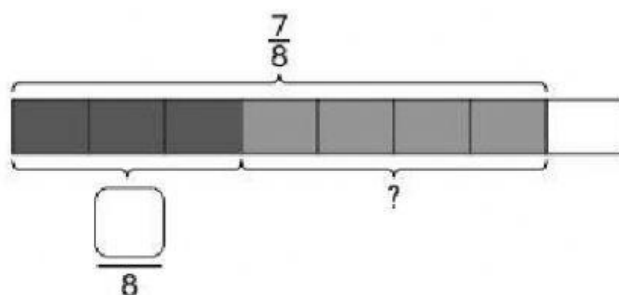
$$\frac{5}{6} - \frac{\boxed{}}{6} = \boxed{}$$

2.



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

3.



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

6. Subtract the fractions:

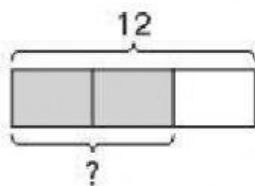
$$\frac{6}{7} - \frac{4}{7} = \boxed{}$$

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

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

7. Solve and fill in the gaps:

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



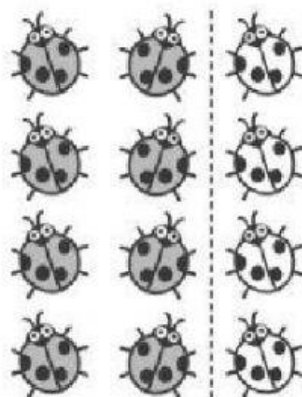
3 units \rightarrow 12

1 unit \rightarrow \div
 $=$

2 units \rightarrow \times
 $=$

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

So, 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?