

WWA Week 1&2
Math Assessment -2024-2025

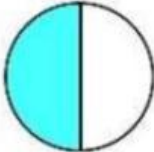
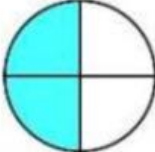
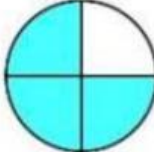
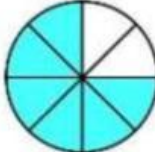
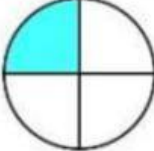
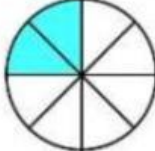
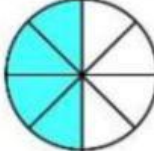
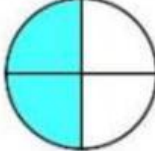
Name: _____

Date: _____

Question 1:

EQUIVALENT FRACTIONS

Use the diagrams to work out the equivalent fractions.

1)  =  $\frac{1}{2} = \frac{\quad}{4}$	6)  =  $\frac{\quad}{4} = \frac{\quad}{8}$
2)  =  $\frac{1}{3} = \frac{\quad}{6}$	7)  =  $\frac{\quad}{6} = \frac{\quad}{3}$
3)  =  $\frac{1}{4} = \frac{\quad}{8}$	8)  =  $\frac{\quad}{8} = \frac{\quad}{4}$

Question 2:

Choose the correct option > or <

1. $\frac{3}{8}$ — $\frac{4}{8}$

2. $\frac{3}{4}$ — $\frac{5}{6}$

3. $\frac{2}{3}$ — $\frac{2}{4}$

4. $\frac{3}{8}$ — $\frac{2}{4}$

5. $\frac{5}{8}$ — $\frac{1}{2}$

6. $\frac{1}{6}$ — $\frac{1}{4}$

7. $\frac{2}{5}$ — $\frac{3}{10}$

8. $\frac{1}{2}$ — $\frac{4}{9}$

9. $\frac{2}{5}$ — $\frac{1}{2}$

Question 3:

Compare the fractions.



_____ is less than _____.



_____ is greater than _____.

3.



$$\frac{5}{7}$$



$$\frac{2}{7}$$

_____ is less than _____.

4.



$$\frac{2}{6}$$



$$\frac{4}{6}$$

_____ is greater than _____.

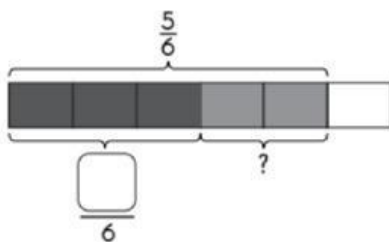
Question 4:

Part A:

Adding and Subtracting Like Fractions

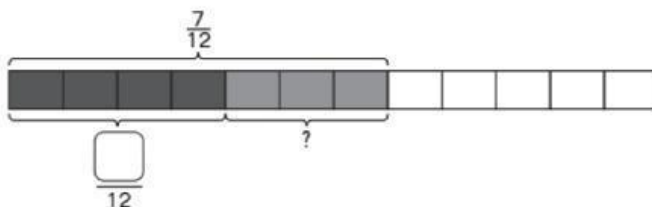
Complete the model.
Subtract the fractions.

1.



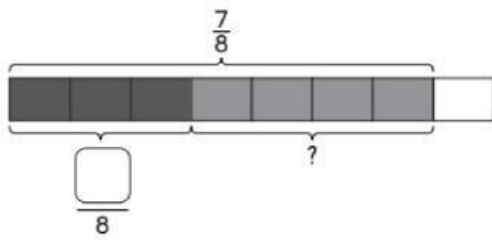
$$\frac{5}{6} - \frac{\boxed{}}{6} = \boxed{}$$

2.



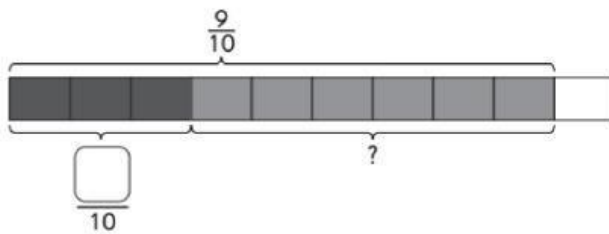
$$\frac{7}{12} - \frac{\boxed{}}{12} = \boxed{}$$

3.



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

4.

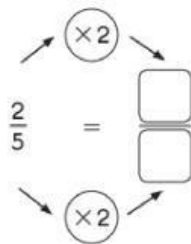


$$\frac{9}{10} - \frac{\boxed{}}{10} = \boxed{}$$

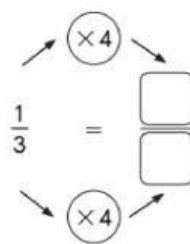
Question 5:

Find the missing numerators and denominators.

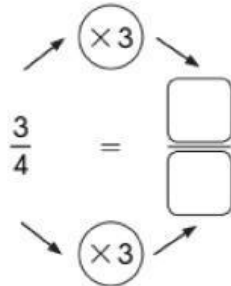
2.



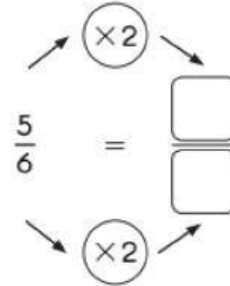
3.



4.



5.



Question 6:

Fill in the missing numerator or denominator.

1. $\frac{1}{6} = \frac{\square}{12}$

2. $\frac{1}{4} = \frac{2}{\square}$

3. $\frac{1}{3} = \frac{\square}{6}$

4. $\frac{1}{2} = \frac{4}{\square}$

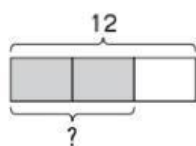
5. $\frac{3}{4} = \frac{\square}{8}$

6. $\frac{2}{5} = \frac{\square}{10}$

Question 7:

Solve. Use pictures and bar models to help you.

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



3 units $\rightarrow$ 12
1 unit $\rightarrow$ $\square \div \square$
 $= \square$

2 units $\rightarrow$ $\square \times \square$
 $= \square$

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

So, $\square$ of the beetles are brown.

