

WWA Week 1&2

Math Assessment -2024-2025

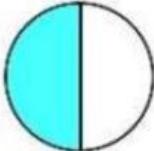
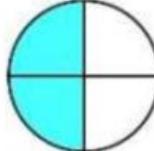
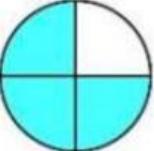
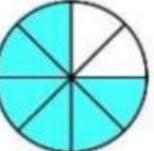
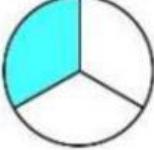
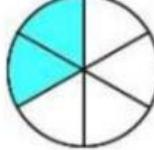
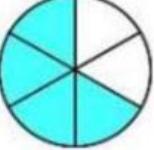
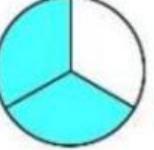
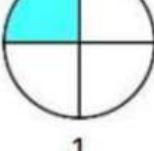
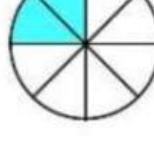
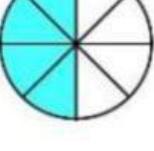
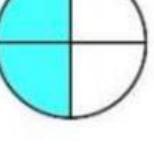
Name: _____

Date: _____

Question 1:

EQUIVALENT FRACTIONS

Use the diagrams to work out the equivalent fractions.

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

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:

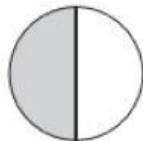
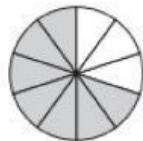
Compare the fractions.

1. $\frac{5}{7}$ 

$\frac{1}{2}$ 

_____ is less than _____.

2.

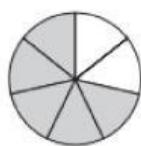


$\frac{7}{10}$

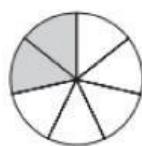
$\frac{1}{2}$

_____ is greater than _____.

3.



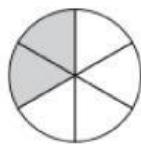
$$\frac{5}{7}$$



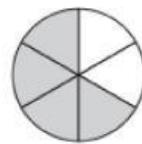
$$\frac{2}{7}$$

_____ is less than _____.

4.



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



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

_____ is greater than _____.

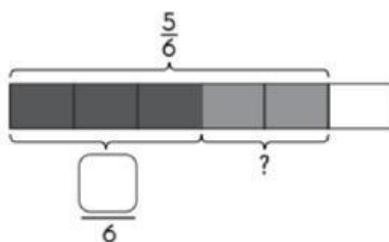
Question 4:

Part A:

Adding and Subtracting Like Fractions

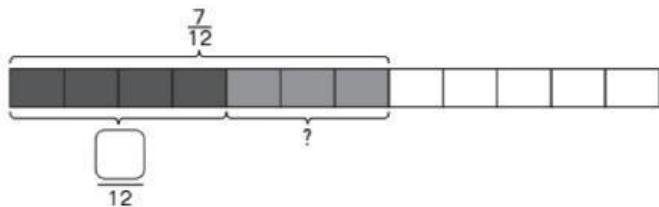
Complete the model.
Subtract the fractions.

1.



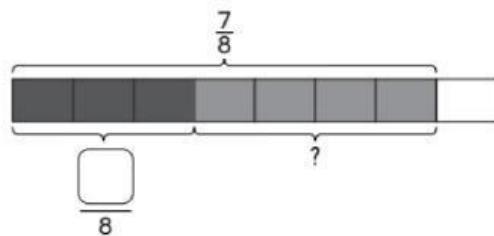
$$\frac{5}{6} - \frac{\square}{6} = \square$$

2.



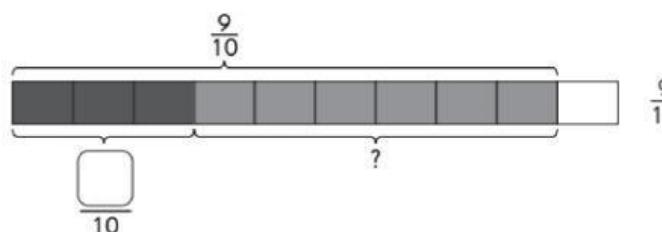
$$\frac{7}{12} - \frac{\square}{12} = \square$$

3.



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

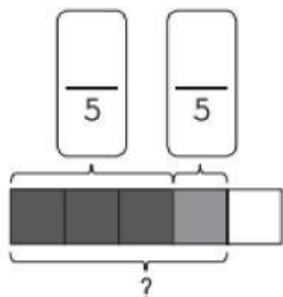
4.



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

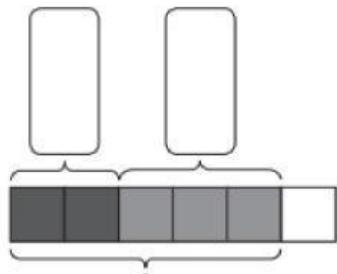
Part B:

1.



$$\frac{\square}{5} + \frac{\square}{5} = \frac{\square}{\square}$$

2.



$$\frac{\square}{5} + \frac{\square}{5} = \frac{\square}{\square}$$

Question 5:

Find the missing numerators and denominators.

2.

$$\frac{2}{5} = \begin{array}{|c|c|} \hline \text{ } & \text{ } \\ \hline \text{ } & \text{ } \\ \hline \end{array}$$

$\times 2$

$\times 2$

3.

$$\frac{1}{3} = \begin{array}{|c|c|} \hline \text{ } & \text{ } \\ \hline \text{ } & \text{ } \\ \hline \end{array}$$

$\times 4$

$\times 4$

4.

$$\frac{3}{4} = \begin{array}{|c|c|} \hline \text{ } & \text{ } \\ \hline \text{ } & \text{ } \\ \hline \end{array}$$

$\times 3$

$\times 3$

5.

$$\frac{5}{6} = \begin{array}{|c|c|} \hline \text{ } & \text{ } \\ \hline \text{ } & \text{ } \\ \hline \end{array}$$

$\times 2$

$\times 2$

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

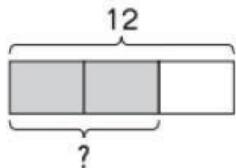
5. $\frac{3}{4} = \frac{\square}{8}$

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?



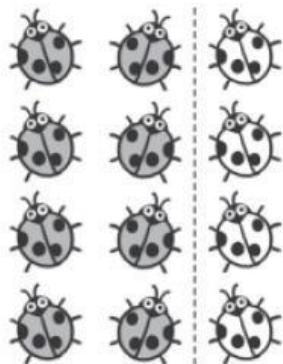
3 units \rightarrow 12

$$\begin{array}{l} 1 \text{ unit } \rightarrow \boxed{} \div \boxed{} \\ \quad \quad \quad = \boxed{} \end{array}$$

$$\begin{array}{l} 2 \text{ units } \rightarrow \boxed{} \times \boxed{} \\ \quad \quad \quad = \boxed{} \end{array}$$

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

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

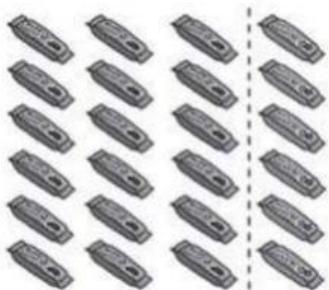


Question 8:

Solve.

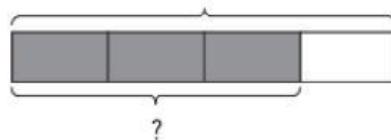
Serena buys 24 breakfast bars.

$\frac{3}{4}$ of them are blueberry.



How many blueberry breakfast bars does Serena buy?

24 breakfast bars



4 units \rightarrow

1 unit \rightarrow \div
=

3 units \rightarrow \times
=

Serena buys blueberry breakfast bars.