

## WWA Week 1&2

### Math Assessment -2024-2025

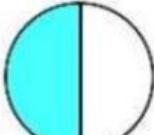
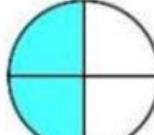
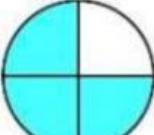
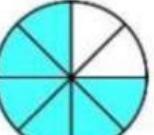
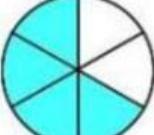
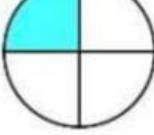
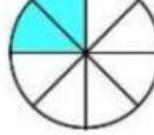
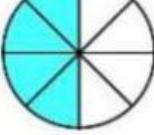
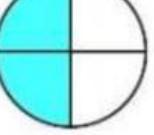
Name: \_\_\_\_\_

Date: \_\_\_\_\_

Question 1:

#### EQUIVALENT FRACTIONS

Use the diagrams to work out the equivalent fractions.

|  |   |  |   |   |  |
|--|---|--|---|---|--|
| 1)<br><br>$\frac{1}{2}$   | = | <br>$\frac{1}{4}$   | 6)<br><br>$\frac{3}{4}$   | = | <br>$\frac{3}{8}$   |
| 2)<br><br>$\frac{1}{3}$  | = | <br>$\frac{1}{6}$  | 7)<br><br>$\frac{3}{6}$  | = | <br>$\frac{2}{3}$  |
| 3)<br><br>$\frac{1}{4}$ | = | <br>$\frac{2}{8}$ | 8)<br><br>$\frac{4}{8}$ | = | <br>$\frac{2}{4}$ |

**Question 2:**

Choose the correct option &gt; or &lt;

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.  $\frac{2}{5}$  —  $\frac{1}{2}$

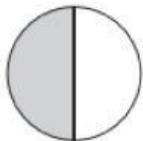
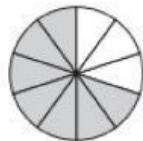
**Question 3:****Compare the fractions.**

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

$\frac{1}{2}$  

\_\_\_\_\_ is less than \_\_\_\_\_.

2.

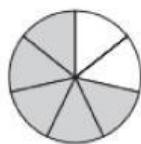


$\frac{7}{10}$

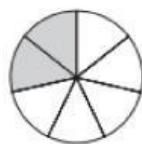
$\frac{1}{2}$

\_\_\_\_\_ is greater than \_\_\_\_\_.

3.



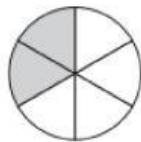
$$\frac{5}{7}$$



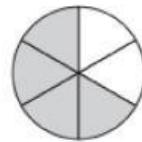
$$\frac{2}{7}$$

\_\_\_\_\_ is less than \_\_\_\_\_.

4.



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



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

\_\_\_\_\_ is greater than \_\_\_\_\_.

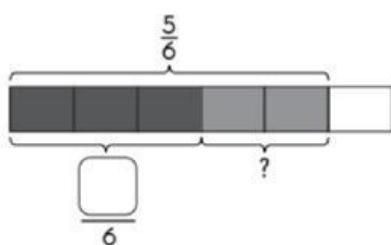
**Question 4:**

**Part A:**

### **Adding and Subtracting Like Fractions**

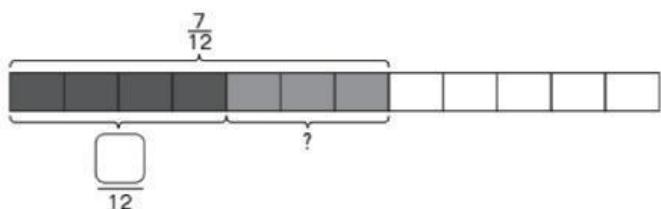
**Complete the model.**  
**Subtract the fractions.**

1.



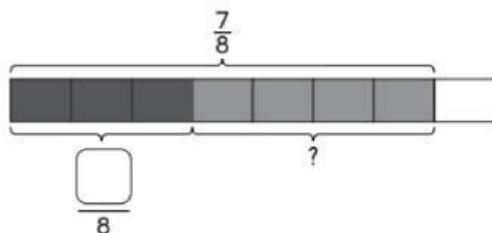
$$\frac{5}{6} - \frac{\square}{6} = \square$$

2.



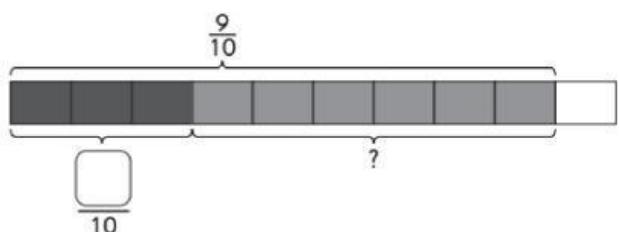
$$\frac{7}{12} - \frac{\square}{12} = \square$$

3.



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

4.



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

Question 5:

Find the missing numerators and denominators.

2.

$$\frac{2}{5} = \frac{\square}{\square}$$

Arrows point from a circled  $\times 2$  to the numerator and denominator of the fraction.

3.

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

Arrows point from a circled  $\times 4$  to the numerator and denominator of the fraction.

4.

$$\frac{3}{4} = \frac{\square}{\square}$$

Arrows point from a circled  $\times 3$  to the numerator and denominator of the fraction.

5.

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

Arrows point from a circled  $\times 2$  to the numerator and denominator of the fraction.

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

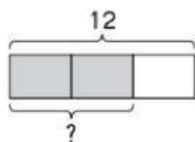
5.  $\frac{3}{4} = \frac{\square}{8}$

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  $\longrightarrow$  12  
1 unit  $\longrightarrow$   $\square \div \square$   
=  $\square$

2 units  $\longrightarrow$   $\square \times \square$   
=  $\square$

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

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

