Who We Are- Week 3- Math Assessment

1. Write each fraction in the simplest form.

$$\frac{3}{12} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{8}{12} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{2}{8} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{15}{20} = \frac{\boxed{}}{\boxed{}}$$

2. Find the missing numerator or denominator.

$$\frac{2}{7} = \frac{\boxed{}}{14} = \frac{\boxed{}}{21}$$

$$\frac{2}{5} = \frac{6}{\boxed{}} = \frac{12}{\boxed{}}$$

$$\frac{3}{\boxed{}} = \frac{6}{12} = \frac{\boxed{}}{24}$$

3. Subtract. Use / to indicate fraction.

$$\frac{8}{12} - \frac{1}{12} - \frac{2}{12} = \underline{\hspace{3cm}}$$

$$\frac{10}{12} - \frac{2}{12} - \frac{3}{12} = \underline{\hspace{3cm}}$$

$$\frac{8}{9} - \frac{2}{9} - \frac{3}{9} = \underline{\hspace{3cm}}$$

$$1 - \frac{2}{9} - \frac{3}{9} = \underline{\hspace{3cm}}$$

4. Add.

$$\frac{5}{12} + \frac{4}{12} + \frac{2}{12} = \underline{\hspace{3cm}}$$

$$\frac{5}{8} + \frac{1}{8} + \frac{2}{8} = \underline{\hspace{3cm}}$$

$$\frac{1}{7} + \frac{4}{7} + \frac{1}{7} = \underline{\hspace{3cm}}$$

$$\frac{2}{10} + \frac{3}{10} + \frac{4}{10} = \underline{\hspace{3cm}}$$

5. Complete the model. Subtract the fractions.
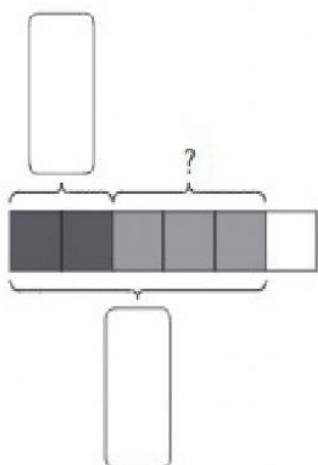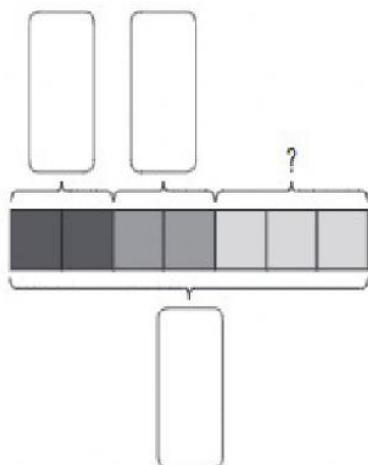
6. Solve.

Find $\frac{3}{4}$ of 20.

$\frac{1}{4}$ of 20 = ☐

$\frac{2}{4}$ of 20 = ☐

So, $\frac{3}{4}$ of 20 = ☐
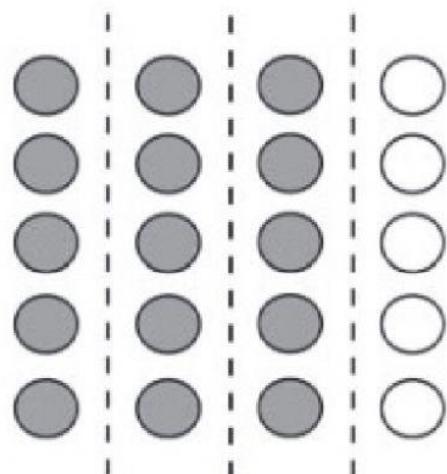
7. Solve.

Serena buys 24 breakfast bars.
$\frac{3}{4}$ of them are blueberry.
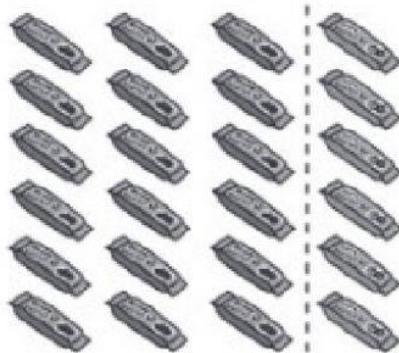
How many blueberry breakfast bars does Serena buy?

24 breakfast bars

?

How many blueberry breakfast bars does Serena buy?

24 breakfast bars

?
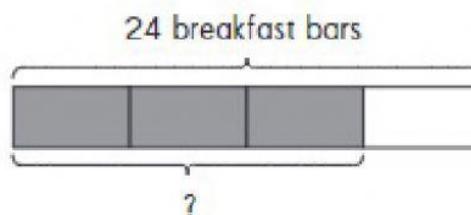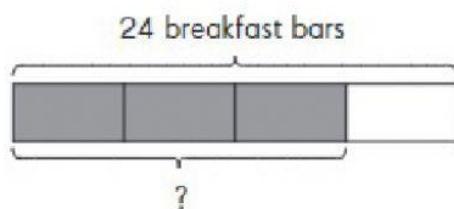
4 units → ☐

1 unit → ☐ ÷ ☐

= ☐

3 units → ☐ × ☐

= ☐

Serena buys ☐ blueberry breakfast bars.