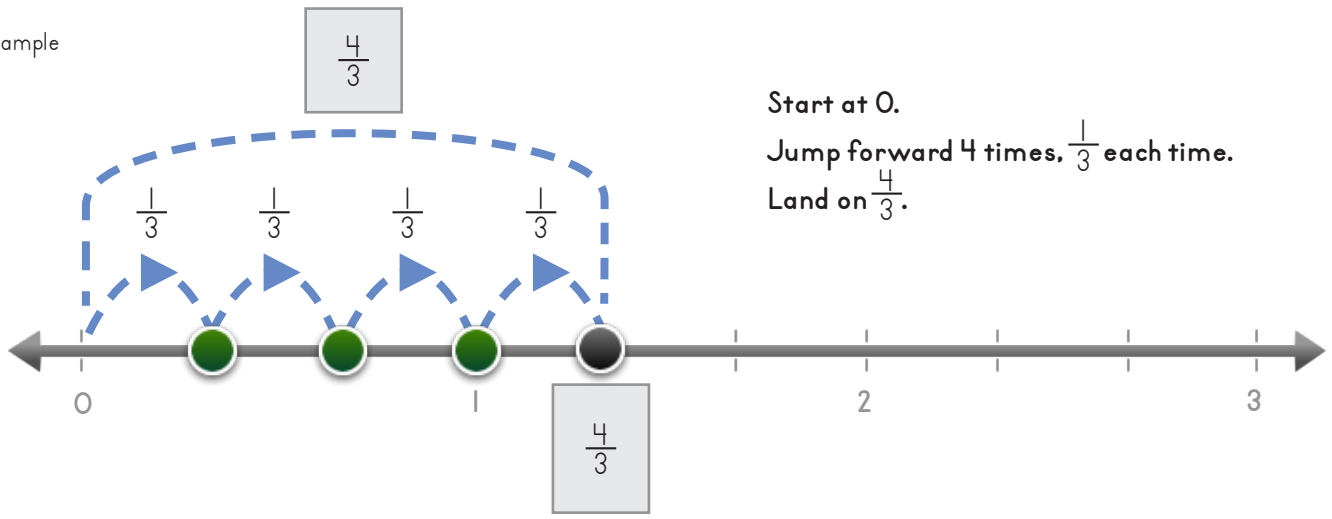


Name: _____ Date: _____

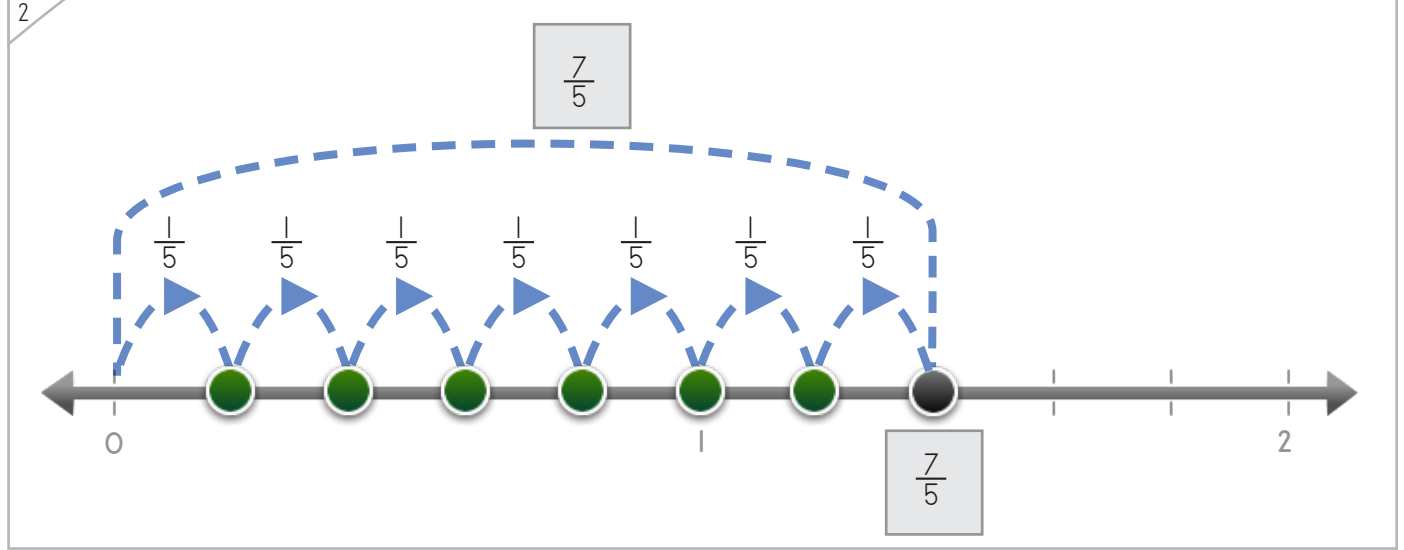
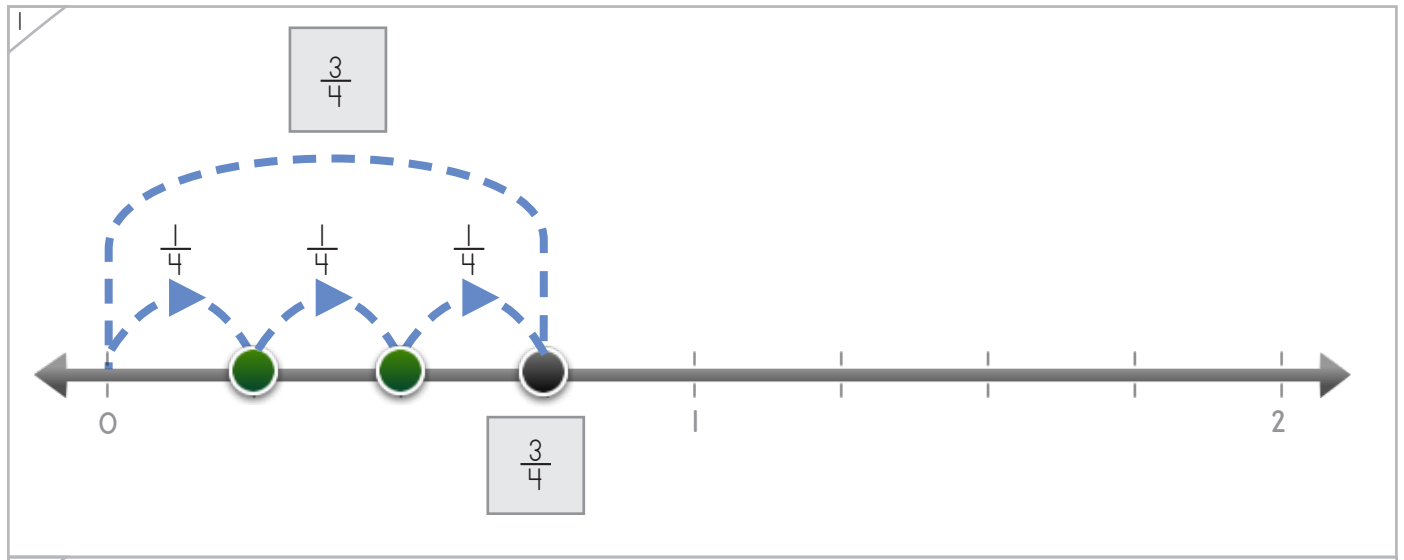


Write the fractions to complete the number line model.

Example



ANSWER KEY



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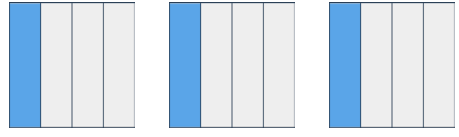
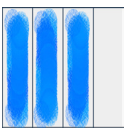


Name: _____ Date: _____

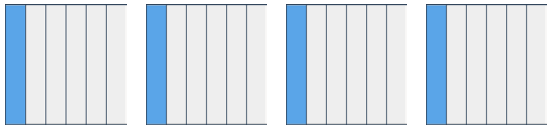
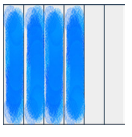


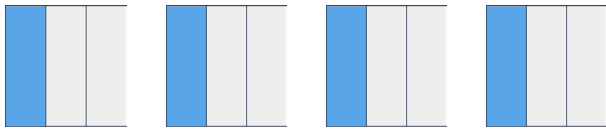
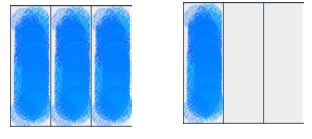
Create boxes that complete the problem.

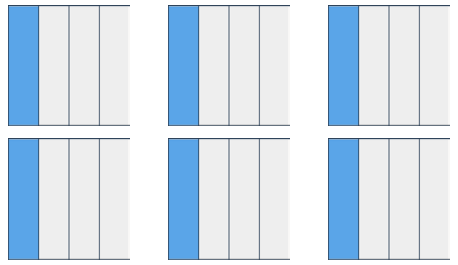
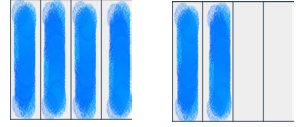
Example

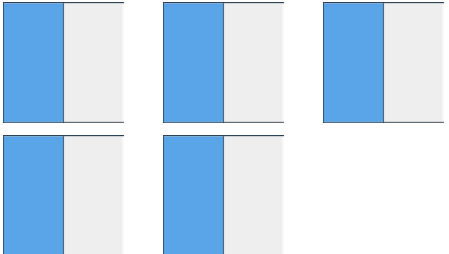
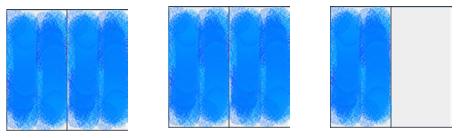
 =  Three groups of $\frac{1}{4}$ are equal to $\frac{3}{4}$.

ANSWER KEY

1  = 

2  = 

3  = 

4  = 

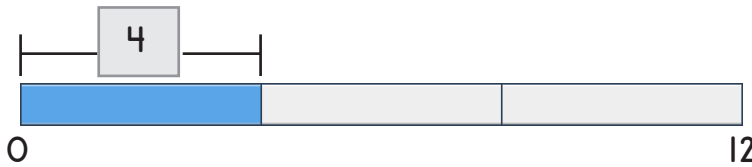
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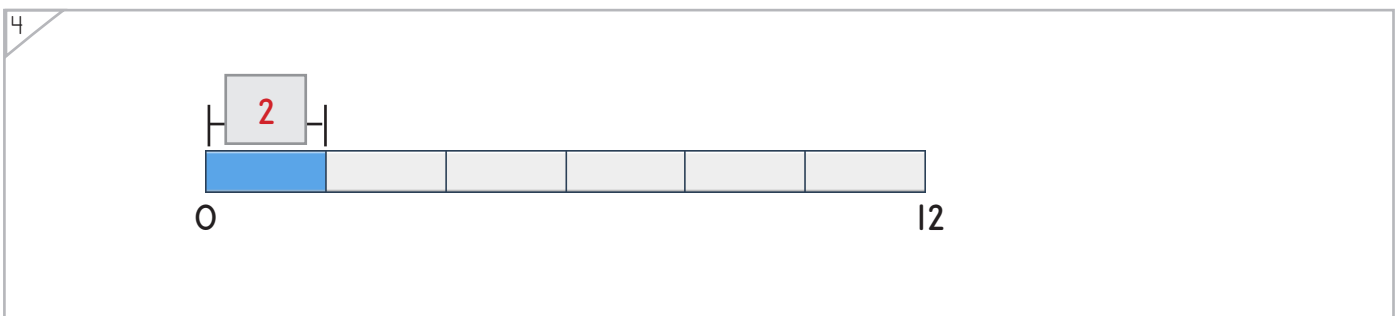
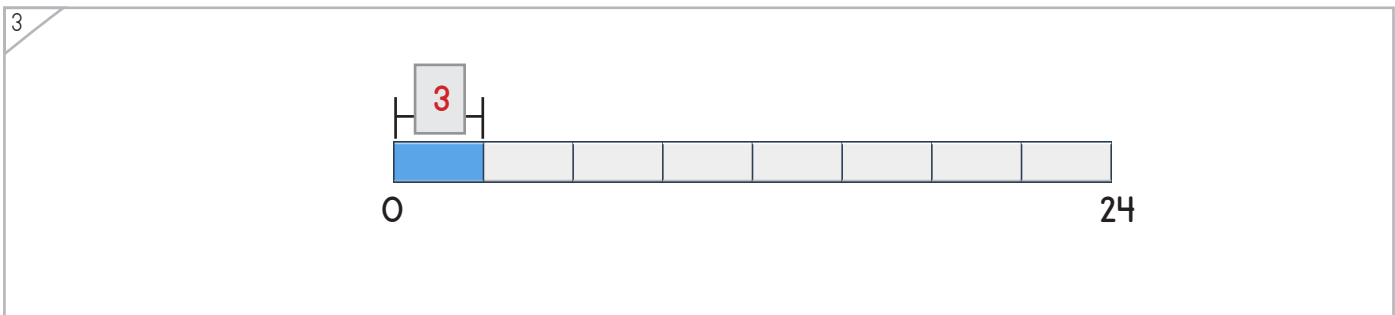
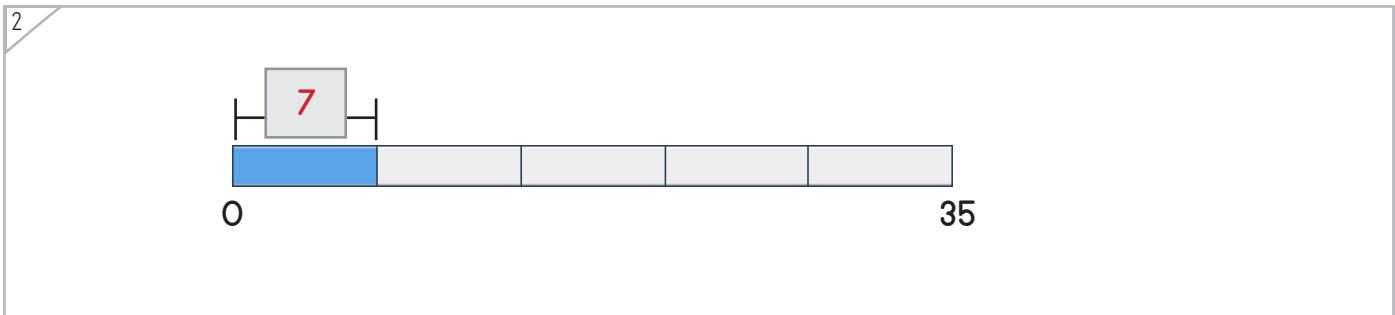
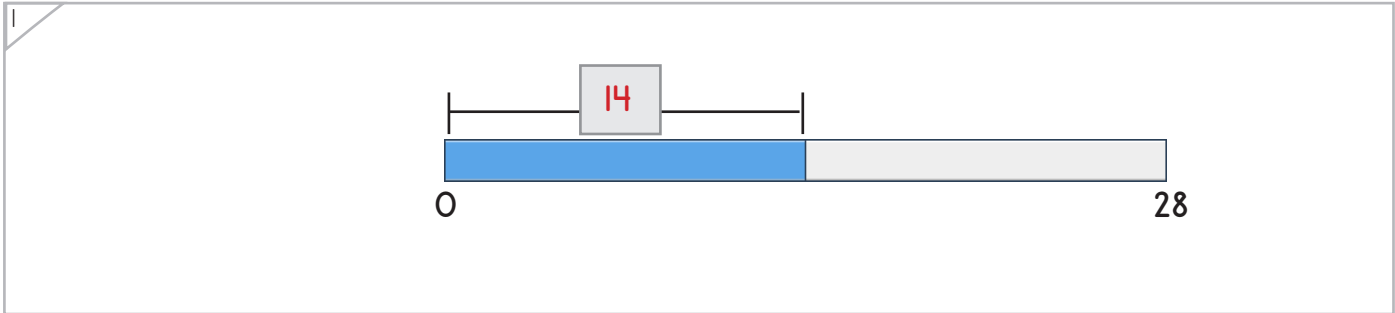


Find the missing number for each model.



The whole is 12.
The whole is divided into 3 equal parts.
So, each part must be 4.

ANSWER KEY



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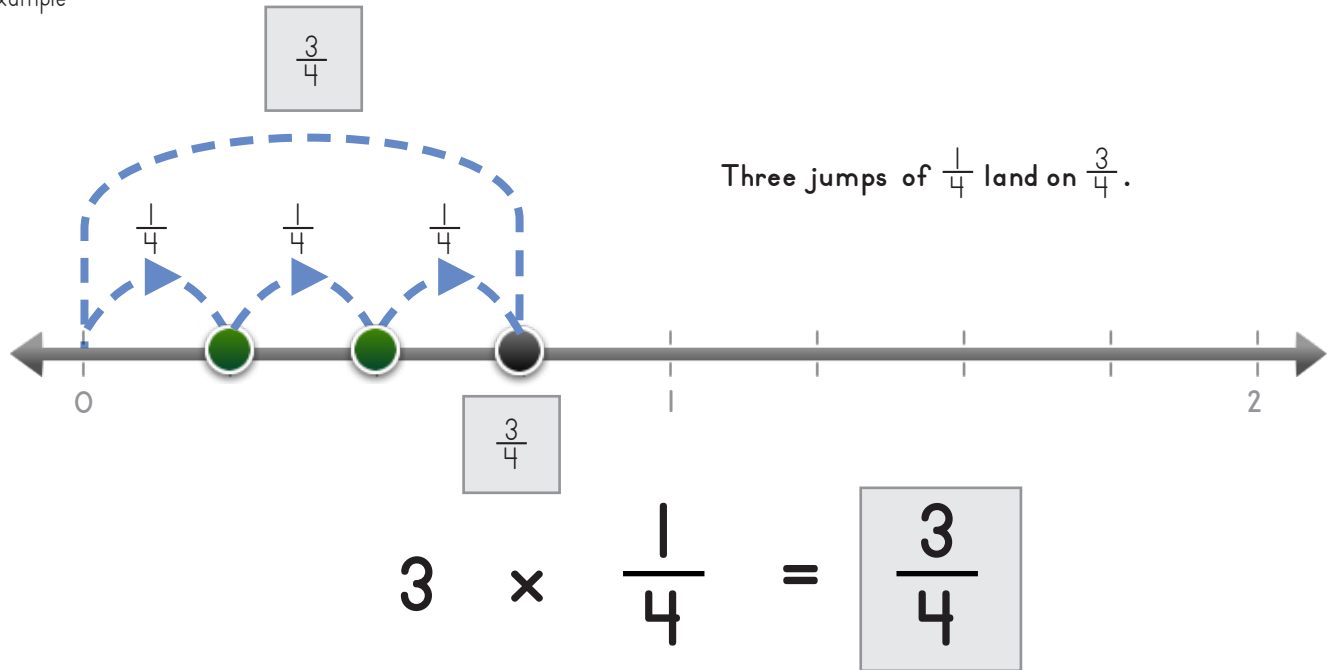
Name: _____ Date: _____

Make each number line and number sentence match.

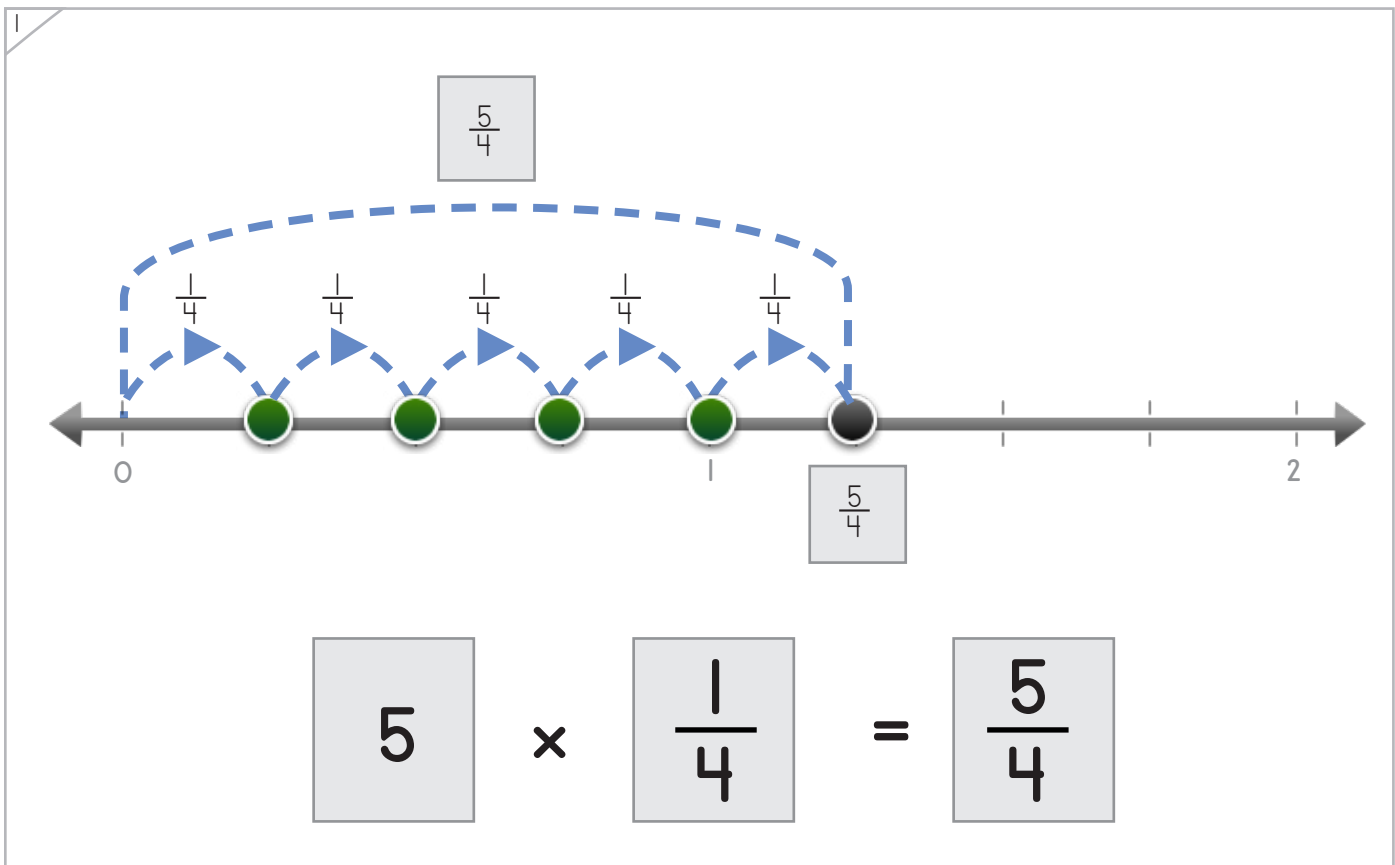


Manipulatives and Symbols

Example



ANSWER KEY



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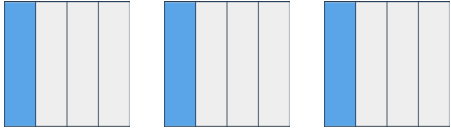
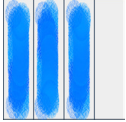


Name: _____ Date: _____


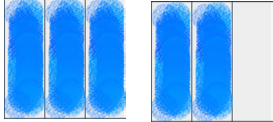
Complete each model and matching number sentence.



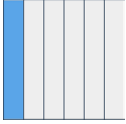

Manipulatives and Symbols

Example  =  Three groups of $\frac{1}{4}$ are equal to $\frac{3}{4}$.

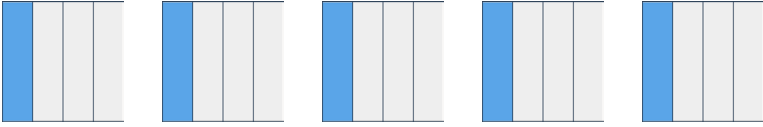
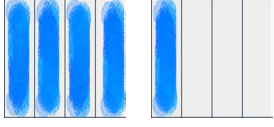
$$3 \times \frac{1}{4} = \frac{3}{4}$$

1  = 


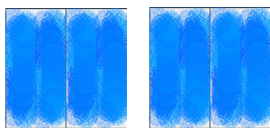
$$5 \times \frac{1}{3} = \frac{5}{3}$$

2  = 

$$1 \times \frac{1}{6} = \frac{1}{6}$$

3  = 

$$5 \times \frac{1}{4} = \frac{5}{4}$$

4  = 

$$4 \times \frac{1}{2} = \frac{4}{2}$$

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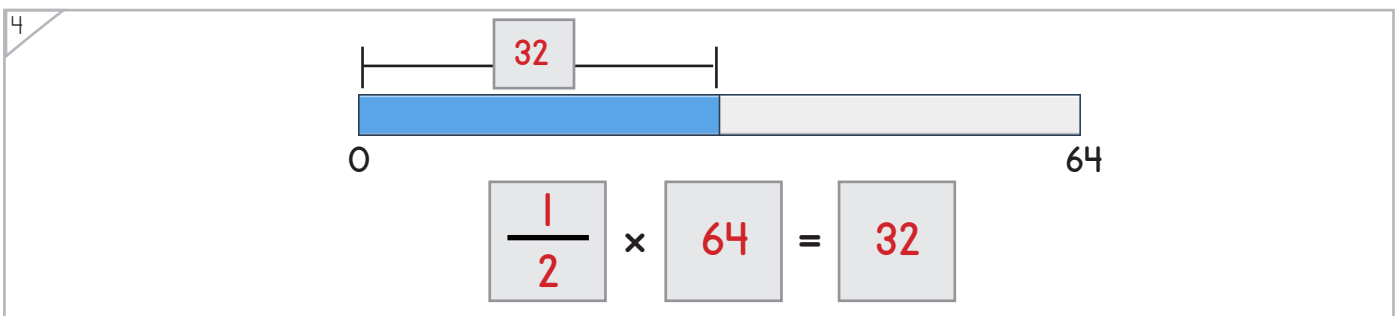
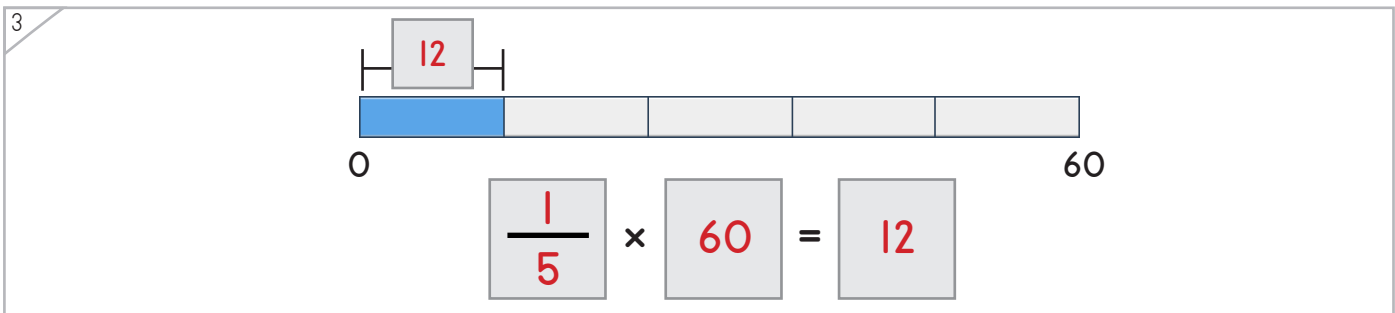
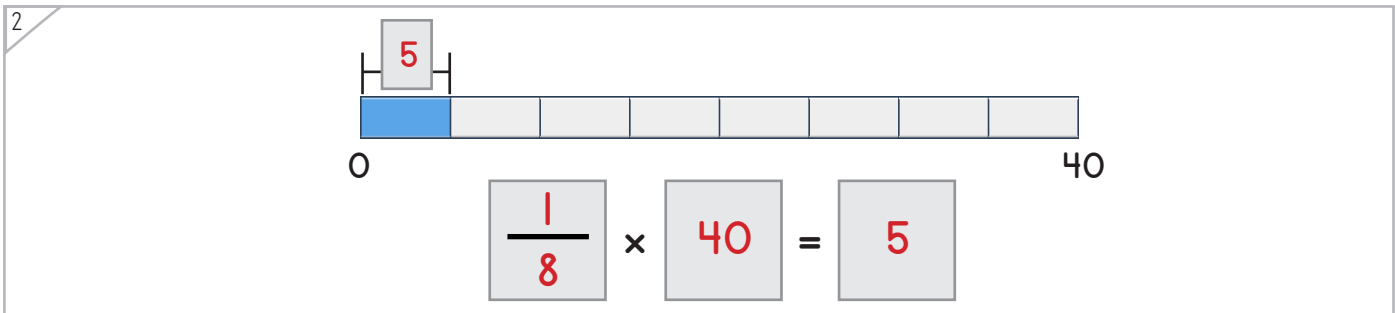
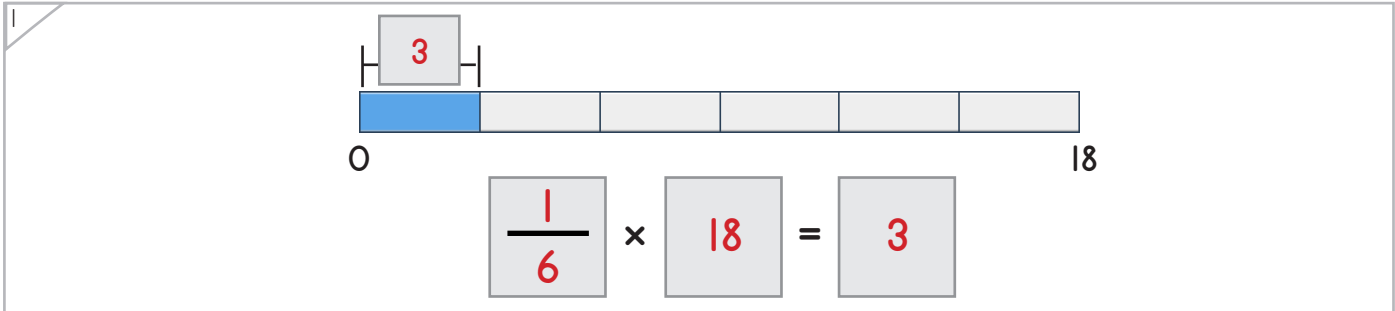
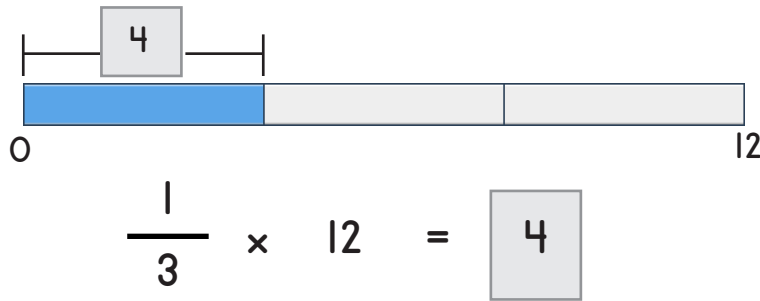
Name: _____ Date: _____



Manipulatives and Symbols

Complete each model and matching number sentence.

Example



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Create a model to solve each number sentence.

1 My Model:

or number line

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

ANSWER KEY

2 My Model:

$$\frac{1}{4} \times 24 = 6$$

3 My Model:

or number line

$$5 \times \frac{1}{4} = \frac{5}{4}$$

4 My Model:

$$\frac{1}{3} \times 27 = 9$$

5 My Model:

$$\frac{1}{5} \times 45 = 9$$
