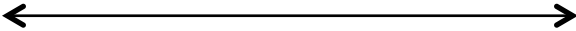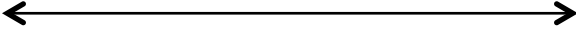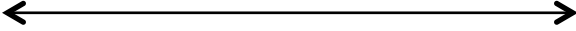Math 8

Name _____
Date _____

Sec 3.5 –Dividing Whole Numbers and Fractions

How to Model a Whole Number Divided by a Fraction

	Using a number line	Using fraction circles or fraction strips
1) $6 \div \dfrac{1}{2}$	⟵—————————⟶	
2) $2 \div \dfrac{2}{3}$	⟵—————————⟶	
3) $3 \div \dfrac{2}{3}$	⟵—————————⟶	

Practice

1) Use a model to find the quotients.

   a) $4 \div \dfrac{2}{3}$

   b) $3 \div \dfrac{4}{5}$

2) You are going to a birthday party. From Ben and Jerry's ice cream factory, you order 6 L of ice cream. If you serve $\frac{1}{4}$ of a L of ice cream to each guest, how many guest can be served?