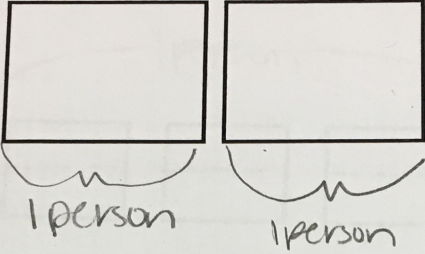
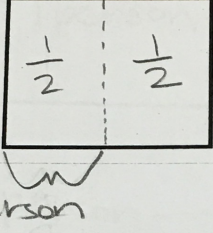
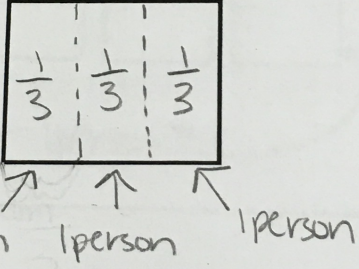
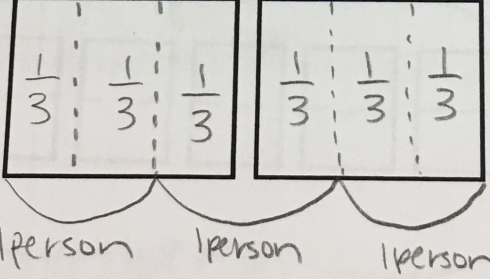


# Fractions as Division

Interpreting a fraction AS a division expression.

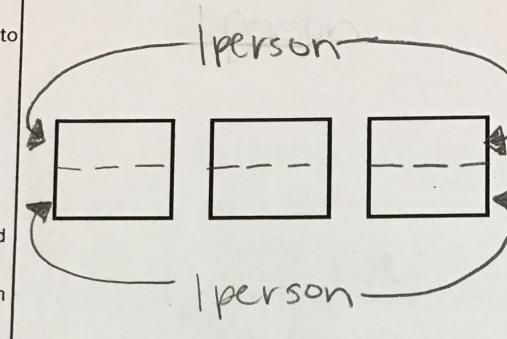
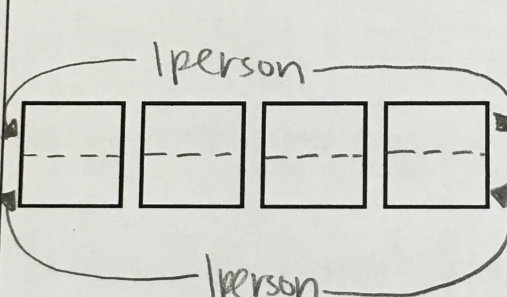
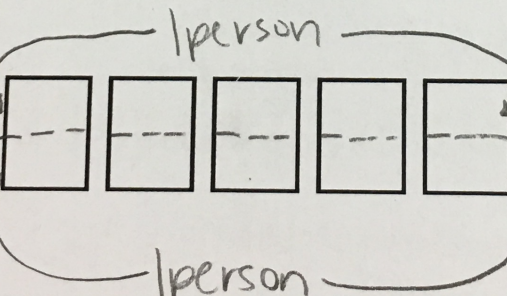
M4 L2

Situation	Model	Equation
<p>If 2 people are going to share 2 crackers evenly, how many crackers will each person get?</p>		<p># of <u>crackers</u> ÷ # of <u>people</u></p> $2 \div 2 = 1 \text{ cracker}$
<p>2 people are going to share 1 cracker evenly. How much would each person get?</p>		<p># of <u>cracker</u> ÷ # of <u>people</u></p> $1 \div 2 = \frac{1}{2}$ <hr/> <p>2 halves ÷ 2 = 1 half</p> $\frac{2}{2} \div 2 = \frac{2}{4} = \frac{1}{2}$
<p>3 people are going to share 1 cracker evenly. How much would each person get?</p>		<p># of <u>cracker</u> ÷ # of <u>people</u></p> $1 \div 3 = \frac{1}{3}$ <hr/> <p>3 thirds ÷ 3 = 1 third</p> $\frac{3}{3} \div 3 = \frac{3}{9} = \frac{1}{3}$
<p>3 people are going to share 2 crackers evenly, how many crackers will each person get?</p>		<p># of <u>crackers</u> ÷ # of <u>people</u></p> $2 \div 3 = \frac{2}{3}$ <hr/> <p>6 thirds ÷ 3 = 2 thirds</p> $\frac{6}{3} \div 3 = \frac{6}{9} = \frac{2}{3}$

# Fractions as Division

Interpreting a fraction AS a division expression.

M4 L2

<p>2 people are going to equally share 3 crackers that are each different flavors. If each person wants to taste all three crackers, how could they share them? How much will each person get?</p>		<p># of <u>Crackers</u> ÷ # of <u>people</u>  <math>3 \div 2 = \frac{3}{2} = 1\frac{1}{2}</math></p> <hr/> <p>6 halves ÷ 2 = 3 halves</p> <hr/> <p><math>\frac{6}{2} \div 2 = \frac{6}{4} = 1\frac{1}{2}</math></p>
<p>2 people are going to equally share 4 crackers that are each different flavors. If each person wants to taste all <del>three</del> <sup>four</sup> crackers, how could they share them? How much will each person get?</p>		<p># of <u>Crackers</u> ÷ # of <u>people</u>  <math>4 \div 2 = \frac{4}{2} = 2</math></p> <hr/> <p>8 halves ÷ 2 = 4 halves</p> <hr/> <p><math>\frac{8}{2} \div 2 = \frac{8}{4} = 2</math></p>
<p>2 people are going to share 5 crackers evenly, how many crackers will each person get?</p>		<p># of <u>Crackers</u> ÷ # of <u>people</u>  <math>5 \div 2 = \frac{5}{2} = 2\frac{1}{2}</math></p> <hr/> <p>10 halves ÷ 2 = 5 halves</p> <hr/> <p><math>\frac{10}{2} \div 2 = \frac{10}{4} = 2\frac{3}{4} = 2\frac{1}{2}</math></p>