

Card Sort: Representations of Proportional Relationships

Noah ate  $x$  ounces of blueberries,  
and Elena ate  $\frac{1}{3}$  less than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{2}{3}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
3	2
18	12

Card Sort: Representations of Proportional Relationships

Elena biked  $x$  miles, and  
Noah biked  $\frac{2}{3}$  more than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{5}{3}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
6	10
18	30

Card Sort: Representations of Proportional Relationships

Elena danced as long as Noah  
danced,  $x$ , and then she danced  
that same amount again.

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$$y = 2x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
4	8
8	16

Card Sort: Representations of Proportional Relationships

Noah saved  $x$  dollars, and  
Elena saved  $\frac{1}{10}$  less than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{9}{10}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
10	9
13	$11\frac{7}{10}$

Card Sort: Representations of Proportional Relationships

Noah bought  $x$  pounds of apples,  
and Elena bought  $\frac{1}{4}$  less than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{3}{4}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
6	$4\frac{1}{2}$
16	12

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Elena swam  $x$  laps in the pool, and  
Noah swam  $\frac{2}{5}$  less than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{3}{5}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
3	$\frac{9}{5}$
5	3

Card Sort: Representations of Proportional Relationships

Elena ate  $x$  pretzels, and  
Noah ate  $\frac{1}{3}$  more than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{4}{3}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
2	$2\frac{2}{3}$
6	8

Card Sort: Representations of Proportional Relationships

Noah ran  $x$  kilometers, and  
Elena ran  $\frac{3}{10}$  more than that.

Card Sort: Representations of Proportional Relationships

$$y = \frac{13}{10}x$$

Card Sort: Representations of Proportional Relationships

$x$	$y$
5	$6\frac{1}{2}$
7	$9\frac{1}{10}$