

Name \_\_\_\_\_

Date \_\_\_\_\_

## Simplifying Fractions In A Pattern Worksheet

Simplify as indicated. Fill in the missing parts.

1	$\frac{18}{36} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 3</math>    <math>\div 3</math> </div> <div style="text-align: center;"> <math>\div 6</math>    <math>\div 6</math> </div> </div>	2	$\frac{45}{150} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 5</math>    <math>\div 5</math> </div> <div style="text-align: center;"> <math>\div 3</math>    <math>\div 3</math> </div> </div>
3	$\frac{16}{32} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 4</math>    <math>\div 4</math> </div> <div style="text-align: center;"> <math>\div 4</math>    <math>\div 4</math> </div> </div>	4	$\frac{35}{105} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 5</math>    <math>\div 5</math> </div> <div style="text-align: center;"> <math>\div 7</math>    <math>\div 7</math> </div> </div>
5	$\frac{27}{81} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 3</math>    <math>\div 3</math> </div> <div style="text-align: center;"> <math>\div 9</math>    <math>\div 9</math> </div> </div>	6	$\frac{22}{110} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 2</math>    <math>\div 2</math> </div> <div style="text-align: center;"> <math>\div 11</math>    <math>\div 11</math> </div> </div>
7	$\frac{49}{147} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 7</math>    <math>\div 7</math> </div> <div style="text-align: center;"> <math>\div 7</math>    <math>\div 7</math> </div> </div>	8	$\frac{65}{195} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 5</math>    <math>\div 5</math> </div> <div style="text-align: center;"> <math>\div 13</math>    <math>\div 13</math> </div> </div>
9	$\frac{10}{20} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 2</math>    <math>\div 2</math> </div> <div style="text-align: center;"> <math>\div 5</math>    <math>\div 5</math> </div> </div>	10	$\frac{15}{90} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$ <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>\div 3</math>    <math>\div 3</math> </div> <div style="text-align: center;"> <math>\div 5</math>    <math>\div 5</math> </div> </div>

