Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_

**5.4A Solving Proportions\_Classwork**

*Objective: solve proportions using cross products property; use a point on a graph to write and solve proportions. CC.SS.7.RP.2b, 2c MP4 Model with Mathematics*

*Textbook: 5.4A pg 182\_#4-17 ALL*

|  |  |  |
| --- | --- | --- |
| ***REVIEW***

|  |  |
| --- | --- |
| *1) use distributive property to simplify:* $15(x-3)$ | *2) use distributive property simplify:* $-2(-5x+3)$ |

 |

Solve for the missing value

|  |  |
| --- | --- |
| **Example 1.**$$\frac{n+7}{7}=\frac{4}{9}$$ | **Example 2.**$$\frac{6}{9}=\frac{2}{3m}$$ |
| **Example 3.**$$\frac{8}{10}=\frac{y-1}{3}$$ | **Example 4.**$$\frac{8}{2x}=\frac{6}{2}$$ |