Name: $\qquad$
Class/Block: $\qquad$ Date: $\qquad$

## Is it a Proportion?

Look at the two ratios. Decide if these two ratios make a proportion. Explain why or why not.

| No. | Ratio 1 | Proportional or Not Proportional | Ratio 2 | Explain your reasoning and show how you know |
| :---: | :---: | :---: | :---: | :---: |
|  | $\frac{1}{5}$ | A. Proportional B. Not Proportional | $\frac{2}{10}$ |  |
|  | $\frac{4}{9}$ | A. Proportional B. Not Proportional | $\frac{9}{36}$ |  |
| 3. | $\frac{1}{4}$ | A. Proportional B. Not Proportional | $\frac{1.5}{6}$ |  |
| 4. | $\frac{28}{40}$ | A. Proportional B. Not Proportional | $\frac{7}{10}$ |  |
| 5. | $\frac{3}{5}$ | A. Proportional B. Not Proportional | $\frac{5}{7}$ |  |

This resource was collaboratively designed by OER in Mathematics Professional Development Project partners from Maine RSU\#54 \& RSU\#11 and staff from Education Development Center, Inc. This work is licensed under the Creative Commons Attribution-Non Commercial-Share Alike 3.0 License.

Name: $\qquad$
Class/Block: $\qquad$ Date: $\qquad$

| No. | Ratio 1 | Proportional or <br> Not Proportional | Ratio 2 | Are their scoring rates the same? <br> Explain your reasoning and show how you know |
| :---: | :---: | :---: | :---: | :---: |
| 6. | Amy is on the soccer team. She has scored 5 goals in the first 10 games. | A. Proportional B. Not Proportional | Bart is on the soccer team. He has scored 10 goals in the first 20 games. |  |
| 7. | Anna is on the field hockey team. She has scored 5 goals in the first 9 games. | A. Proportional B. Not Proportional | Bill is on the ice hockey team. He has scored 6 goals in the first 14 games. |  |
| 8. | Alison on the soccer team. She scored 8 goals in the first 10 games. Then she scored 8 more goals in the next 11 games. |  |  | When did she have the best scoring rate? A. The first 10 games B. After she played all the games. |
|  | Explain your thinking: |  |  |  |

