Name: _____ Date: _____

Checkpoint

Skills Practice
Stage 34: Ratio and Proportions

Task 1:

Grace practiced making foul shots for 15 minutes. In 180 attempts, 150 were successful.

What was the unit rate of shots taken per minute?

What was the rate of successful shots compared to attempts?

What was the unit rate of shots made per minute?

At this same rate, how long would it take Grace to successfully make 225 foul shots?

Task 2:

Eric plants vegetables in a community garden.
For every 5 potatoes he grows, he also grows 3 squash.

Make a table to show the ratio of potatoes to squash. Include 10 values for each.

Plot the pairs of values on a coordinate plane. Describe the plotted points.

If the ratio remains the same, how many squash will there be if Eric grows 225 potatoes?
How did you find your answer?

Checkpoint

Skills Practice
Stage 34: Ratio and Proportions

Task 3:

An older horse runs at the rate of 24 miles per hour.

Make a double number line. One line shows time. The other shows distance in miles.

Based on the ratio shown in the double number line, answer these questions:

How far does the horse travel in 5 minutes?
How far does the horse travel in 1 minute?