

Name : \_\_\_\_\_

## Inverse Variation

Sheet 3

Round your answer to two decimal places.

- 1) A group of 20 students intend to contribute \$10 each to buy a gift for their teacher. How much will each student contribute, if 5 more pitch in?

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- 2) Liam was on a road trip with his family to Niagara Falls. He drove at a speed of 80 miles per hour for 4 hours to cover a certain distance. How long would it take him to drive the same distance, if he drove at a speed of 100 miles per hour?

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- 3) The welfare committee of a school building has 18 workers. If 18 workers can complete the project in 3 days, how many workers are needed to finish the project in 2 days?

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- 4) Ursula submits a 300-line manuscript. How many pages will it take to type it if each page contains 40 lines? How many pages will it take to type it if each page contains 24 lines?

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- 5) Gabriel drew a picture of a wheel with 6 spokes. The angle between the adjacent pair of spokes was  $60^\circ$ . Find the measure of the angles for a wheel drawn with 10 spokes.

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