

Name : _____

Mixed Review

Sheet 3

Round your answer to two decimal places.

- 1) Richard was on his way to the airport from Times Square. He paid a cab fare of \$50.20 for 16.7 miles. How much would a passenger have to pay for traveling a distance of 21.5 miles from Times Square?

- 2) Thirty-seven workers took 90 days to construct the roof of a high-rise building. How many days will 20 workers take to c

PREVIEW

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- 3) The hyperfocal length is 10 meters. The lens is set at a selected aperture. The distance to the object is 20 meters. If the lens is set with an aperture set at $f/16$, how far away is the object? If the photographer shoots a picture with

and inversely with the focal length. If the photographer uses a 300 mm lens and the object is 10 meters away, how far away is the object, if the photographer

- 4) The real estate value index for a neighborhood is 93. The value of a house with 1500 square feet of footage of the house is \$150,000. What is the value of a house in the neighborhood index is 105 and has 1800 square feet of footage?

656 and the neighborhood index is 105. What is the value of a house with 1800 square feet of footage? The square footage of a house is 1800 square feet and the square footage of a house is 1500 square feet. What is the value of a house that has a

- 5) A chocolate manufacturing unit uses 400 machines to produce 70 million chocolate bars in 12 hours. If there are 480 machines in the unit, how many hours would it take to produce the same quantity of chocolates?
