

Name _____

Date _____

Lesson 2: Apply

1. Describe a situation in which each of these rates could be used.
 - a. beats per minute

 - b. dollars per kilogram

 - c. gallons per hour

2. James bought 10 pounds of potatoes for \$5.50. Find the cost of 1 pound of potatoes. Write the cost of potatoes as "cents per pound."

3. A computer operator can type 1680 words in half an hour. What is her typing rate in "words per minute"?

4. Damien works afternoons in a bagel shop. He earns \$112.50 for 15 hours of work. At what rate is he paid per hour?

5. It is important to express a rate with a unit. Say why.

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Lesson 2: Homework

- A. On a recent road trip, the team van traveled 640 miles on 19 gallons of gasoline.
1. What is the rate of miles to gallons?

2. What is the rate of miles to one gallon?

- B. The team wants to sell mini basketballs to raise money. The table shows different packages sizes for purchasing basketballs.

Mini Basketballs	
Price	Quantity
\$9.98	12
\$17.98	25
\$39.99	50

1. What is the rate of dollars per balls for each package size?

2. What is the rate of dollars to one ball for each packages size?

- C. A 6-pack of basketballs weighs 8 pounds.

1. What is the rate of pounds to balls?

2. What is the rate of pounds to one ball?