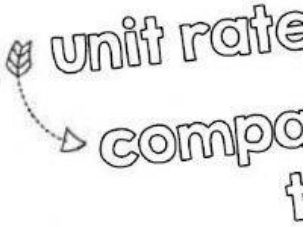
Practice: Unit Rates



Solve each problem, showing your work. Label your answers with the correct units.

1) Paul ran 22 miles in 2.75 hours. What was his average rate per hour? 1) _____

2) Mark bought 4 pounds of apples for $7.56. What was the cost per pound? 2) _____

3) Kelly purchased 6 equally-priced CDs for a total of $75.30. What is the cost per CD? 3) _____

4) Harry compared the prices of orange juice before deciding which container to buy. The 128-ounce container was $7.04 and the 64-ounce container was $3.20. Which container was the better deal? 4) _____

5) Madeline's family went on vacation. On Sunday, they drove for 7 hours and traveled 434 miles. What was their average speed? 5) _____

6) Find the unit rate for each item to determine which is the better deal: $\frac{\$15.33}{7 \text{ pounds}}$ or $\frac{\$12.90}{6 \text{ pounds}}$ 6) _____

7) The cost of 4 shirts is $36. At this rate, what is the cost of 9 shirts? 7) _____

8) Cathy earns $32 in 4 hours and Beth earns $37.50 in 5 hours. Who earns more per hour? 8) _____

9) In 3 batches of trail mix, there are 2 cups of peanuts. How many cups of peanuts are in 1 batch? 9) _____

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