

Practice: Unit Rates

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

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| 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) _____ |