Understanding Rates and Unit Rates

Write the rate and the unit rate.

1. 42 bricks laid in 2 hours

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2. 15 points scored in 4 quarters

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3. 225 chairs in 15 rows

_____

4. 24 trees pruned in 5 days

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5. 480 miles in 12 hours

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6. $6.50 for 10 pounds

_____

7. 72 plants in 9 square feet

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8. 357 miles on 14 gallons

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9. Estimation Over 5 days, 8,208 people visited an amusement park. About how many people visited the park per day?

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10. Writing to Explain Explain how you could convert a rate of 18,000 miles per hour to miles per second.

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11. Critical Thinking Matt makes 5 bookcases in 8 days. What is his unit rate?

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12. A space shuttle orbits Earth 1 time in 90 minutes. How many times does it orbit Earth in 6 hours?

_____

13. Which is the unit rate for 39 people in 3 vans?

A 39 people per van

B 13 vans per person

C 13 people per van

D 3 people per van