Compare Rates

Find each unit rate. Then compare unit rates to find which rate is higher.

1. $9 for 2 hours or $12 for 3 hours?

2. 100 miles in 3 hours or 136 miles in 4 hours?

3. 99 apples for 9 pies or 65 apples for 5 pies?

4. $54 saved in 20 days or $33 saved in 11 days?

5. **Explain Your Thinking**  
   Explain how knowing how to find unit rates can help you find the better buy when you shop.
Compare Rates

Find each unit rate. Then compare unit rates to find which rate is higher.

1. $9 for 2 hours or $12 for 3 hours?
   $9 for 2 hours: unit rate $4.50 per hour; $12 for 3 hours: unit rate $4 per hour; $4.50 > $4, so $9 for 2 hours is higher

2. 100 miles in 3 hours or 136 miles in 4 hours?
   100 miles in 3 hours: unit rate 33.3 miles per hour; 136 miles in 4 hours: unit rate 34 miles per hour; 33.3 < 34, so 136 miles in 4 hours is higher

3. 99 apples for 9 pies or 65 apples for 5 pies?
   99 apples for 9 pies: unit rate 11 apples per pie;
   65 apples for 5 pies: unit rate 13 apples per pie;
   11 < 13, so 65 apples for 5 pies is higher

4. $54 saved in 20 days or $33 saved in 11 days?
   $54 saved in 20 days: unit rate $2.70 saved per day;
   $33 saved in 11 days: unit rate $3 saved per day;
   $2.70 < $3, so $33 saved in 11 days is higher

5. Explain Your Thinking Explain how knowing how to find unit rates can help you find the better buy when you shop. Answers will vary. Sample response: If you have two or more items that have different weights, you can divide to find the unit rate for each ounce or pound. The item with the lowest unit rate is the better buy.