LESSON
1

Proportional Relationships
Practice A: Rates

1. To make 2 batches of brownies, Ed needs. 4 eggs. How many eggs are needed per batch of brownies?

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   $$\frac{4 \text{ eggs}}{2 \text{ batches}} = \frac{\text{eggs}}{1 \text{ batch}}$$

2. Jenny drives 265 miles in 5 hours. What is her average rate of speed in miles per hour?

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   $$\frac{265 \text{ miles}}{5 \text{ hours}} = \frac{\text{miles}}{1 \text{ hour}}$$

3. A job pays $56 for 8 hours of work. How much money does the job pay per hour?

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4. Ned scores 84 points in 6 games. How many points per game does Ned score?

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5. A 6-ounce blueberry muffin has 450 calories. How many calories are there per ounce?

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6. A parking garage charges $21 for 6 hours. How much does the garage charge per hour?

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7. The Rylands want to drive 360 miles in 8 hours. What is their average speed in miles per hour?

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8. A plane travels 2,395 miles in 5 hours. What is the plane's average speed in miles per hour?

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9. A 16-ounce bottle of fruit punch costs $2.40. A 24-ounce bottle of fruit punch costs $3.84. Which size costs less per ounce?

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   $$\frac{\$2.40}{16 \text{ oz}} = \frac{\$ \underline{\quad}}{1 \text{ oz}} \qquad \frac{\$3.84}{24 \text{ oz}} = \frac{\$ \underline{\quad}}{1 \text{ oz}}$$

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