

Name _____

Period _____

Algebra 8: Percents Unit Day 1

Percent:

Common Percents

Fraction	$\frac{1}{10}$	$\frac{1}{5}$	$\frac{1}{4}$	$\frac{1}{3}$	$\frac{2}{5}$	$\frac{1}{2}$	$\frac{3}{5}$	$\frac{2}{3}$	$\frac{3}{4}$	$\frac{4}{5}$	1
Percent											

Percent Proportion

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Set up a percent proportion for each and then use cross products to solve.

What is 20% of 60?

What is 210% of 8?

What is 4% of 36?

What percent of 35 is 7?

27 is what percent of 9?

What percent of 60 is 15?

120% of what number is 90?

48 is 15% of what number?

40 is 0.8% of what number?

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Practice on your own.

1. What is 60% of 80

2. What percent of 52 is 13?

3. 36 is 90% of what number?

4. 16% of what number is 94?

5. 5 is what percent of 67%?

6. What is 35% of 90?

7. What is 210% of 30?

8. 8.2 is 2% of what number?

9. 11 is what percent of 22?

10. 1 is what percent of 8?

11. 28 is 32% of what number?

12. What is 0.5% of 500?

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A certain granola bar has 2 grams of fiber. This is 8% of the recommended daily allowance. How many grams of fiber are recommended daily? Set up a percent proportion to solve.

A certain can of iced tea contains 4% of the recommended daily allowance of sodium. The recommended daily allowance is 2500 milligrams. How many milligrams of sodium are in the can of iced tea? Set up a percent proportion to solve.

On average, sloths spend 16.5 hours per day sleeping. What percent of the day do sloths spend sleeping? Set up a percent proportion to solve.

A survey at a local school showed that 38% of students chose chocolate ice cream as their favorite ice cream. Eight hundred students took the survey. How many chose chocolate ice cream? Set up a percent proportion to solve?