

Math Antics Worksheets			Name:	
			Date:	
Finding a Percent of a Number (Using Fraction Form) - Set 2 $_{\rm P}$				
Instruc	tions: Use the fraction form of the percent	to solve	e each problem.	
1	What is 25% of 40?	2	What is 10% of 30?	
	25% × 40			
	$\frac{25}{100} \times \frac{40}{1} = \frac{1000}{100} = 10$			
3	What is 15% of 20?	4	What is 12% of 50?	
5	What is 5% of 80?	6	What is 7% of 400?	
7	What is 2% of 150?	8	What is 6% of 150?	
9	What is 25% of 200?	10	What is 25% of 4?	



Name:		

Date:

Finding a Percent of a Number (Using Decimal Form) P-FPN 3 Instructions: Use the decimal form of the percent to solve each problem. You can use a calculator to do the decimal multiplication. Your answers may be decimal numbers. What is 22% of 80? 2 What is 14% of 30? 1 22% × 80 0.22 × 80 = (17.6) What is 36% of 45? What is 55% of 50? 3 4 What is 85% of 80? What is 45% of 30? 6 5 What is 14% of 25? What is 33% of 140? 8 7 9 What is 39% of 110? 10 What is 95% of 220?



Date:

Finding a Percent of a Number: Word Problems

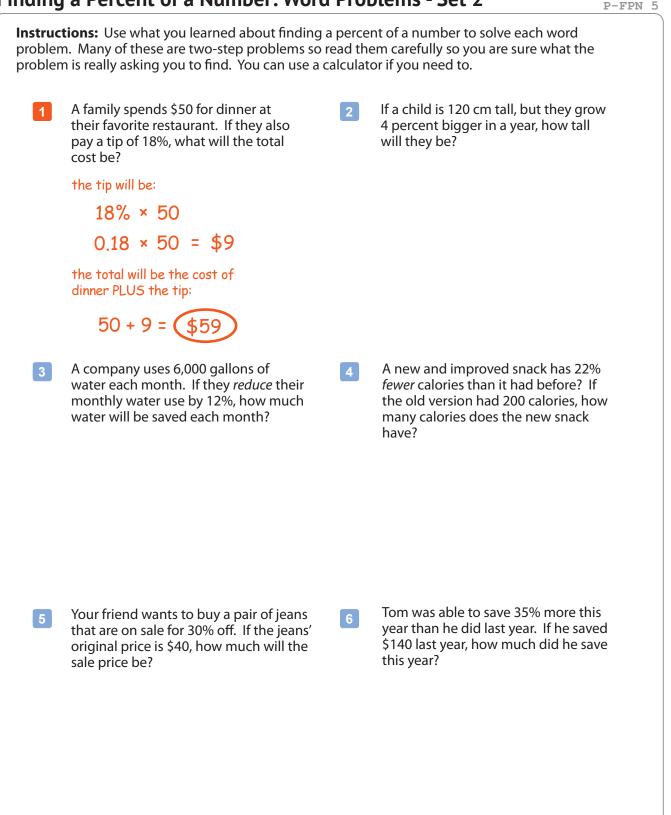
P-FPN 4 Instructions: Use what you learned about finding a percent of a number to solve each word problem. You can use either the fraction form or the decimal form of the percent, depending on which seems easier. Use a calculator to do decimal multiplication if you need to. A pie shop bakes 500 pies each week. If 25 percent of your classmates have 2 If 40 percent of those pies are apple, cats, and your class has 20 students, how many pies are apple? how many students have cats? 40% × 500 $\frac{40}{100} \times \frac{500}{1} = \frac{20000}{100} = 200$ or using the decimal form: 0.40 × 500 = (200 Last week, John ran 10 miles. If John At Summer camp, 62 percent of the 3 4 runs 35 percent farther this week, campers decide they want to go then how many more miles did he swimming instead of hiking. If there run this week? are 200 kids at the camp, how many go swimming? If the school supplies you need cost Mary's current record for her swimming 6 5 \$25, but you have to pay 7% extra in race in 120 seconds. If she can reduce sales tax, how much extra will you have her time by 5%, how many seconds less will that be? to pay?





Date:

Finding a Percent of a Number: Word Problems - Set 2



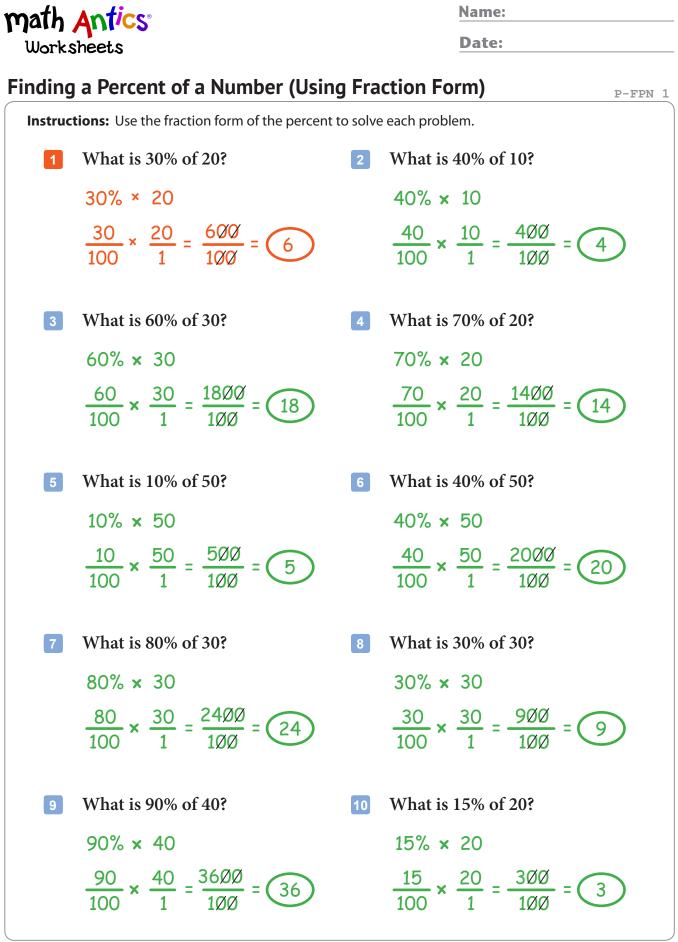
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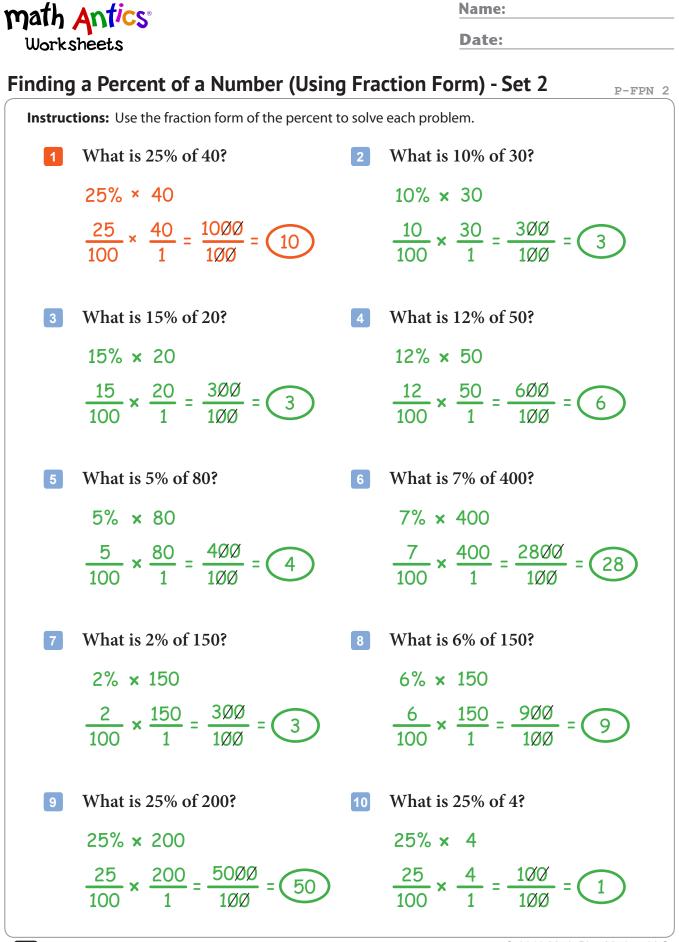
Date:



Finding a Percent of a Number

1	What is 20% of 60?	2	Find 4% of 25.	
3	Find 5% of 80?	4	What is 30% of 20?	
5	What is 80% of 150?	6	What is 45% of 32?	7 8 9 4 5 6 1 2 3 OK
7	Your class has 28 students. If 25% of them play soccer, how many students play soccer?	8	A game you want is on sale for 15% off. If the regular price is \$50.00, how much will you save?	7 8 9 4 5 6 1 2 3 OK







Name:	
Date:	

P-FPN 3

Finding a Percent of a Number (Using Decimal Form)

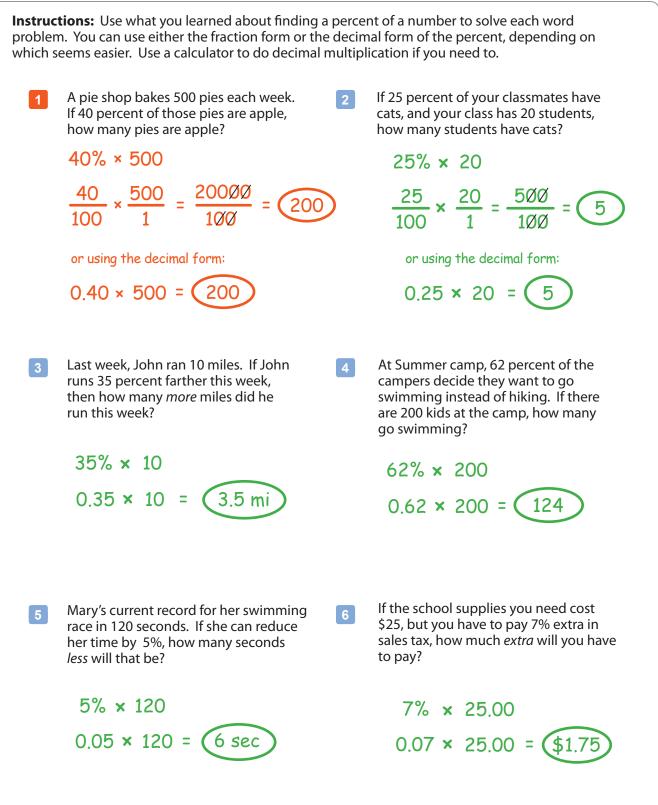




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P-FPN 4

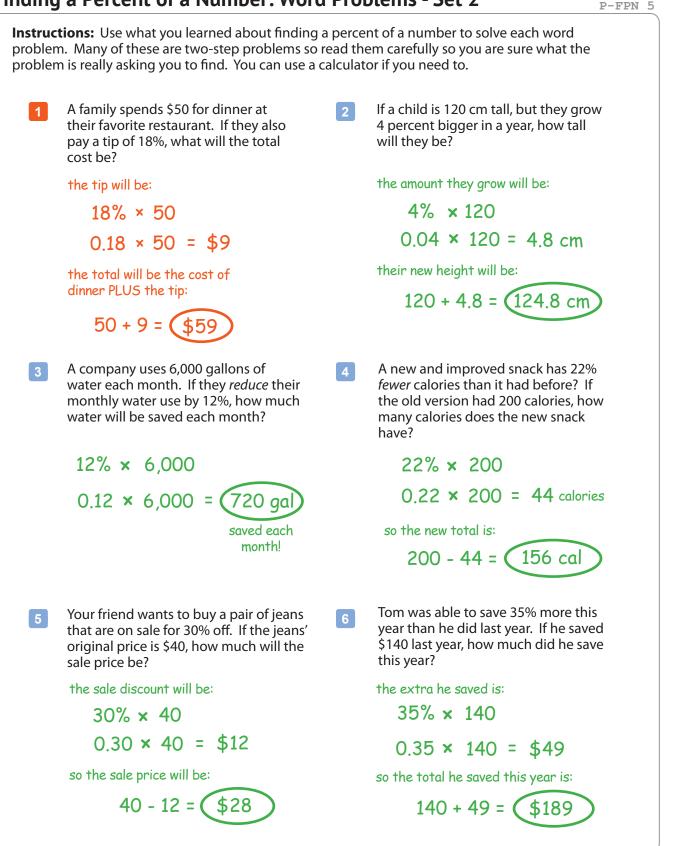
Finding a Percent of a Number: Word Problems





Date:

Finding a Percent of a Number: Word Problems - Set 2



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math Antics[®] Exercises

Finding a Percent of a Number

1 What is 20% of 60?	2 Find 4% of 25.			
20% × 60	4% × 25			
$\frac{20}{100} \times \frac{60}{1} = \frac{1200}{100} = (12)$	$\frac{4}{100} \times \frac{25}{1} = \frac{100}{100} = 1$			
3 Find 5% of 80?	4 What is 30% of 20?			
5% × 80	30% × 20			
$\frac{5}{100} \times \frac{80}{1} = \frac{400}{100} = 4$	$\frac{30}{100} \times \frac{20}{1} = \frac{600}{100} = 6$			
5 What is 80% of 150?	6 What is 45% of 32?			
80% × 150	45% × 32			
0.8 × 150 = 120	0.45 × 32 = 14.4			
7 Your class has 28 students. If 25% of them play soccer, how many students play soccer?	A game you want is on sale for 15% off. If the regular price is \$50.00, how much will you save?			
25% of 28	15% of \$50			
25% × 28	15% × 50			
0.25 × 28 = 7	0.15 × 50 = 7.5			
	you will save: \$7.50			
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See Video for step-by-step solutions to each problem.