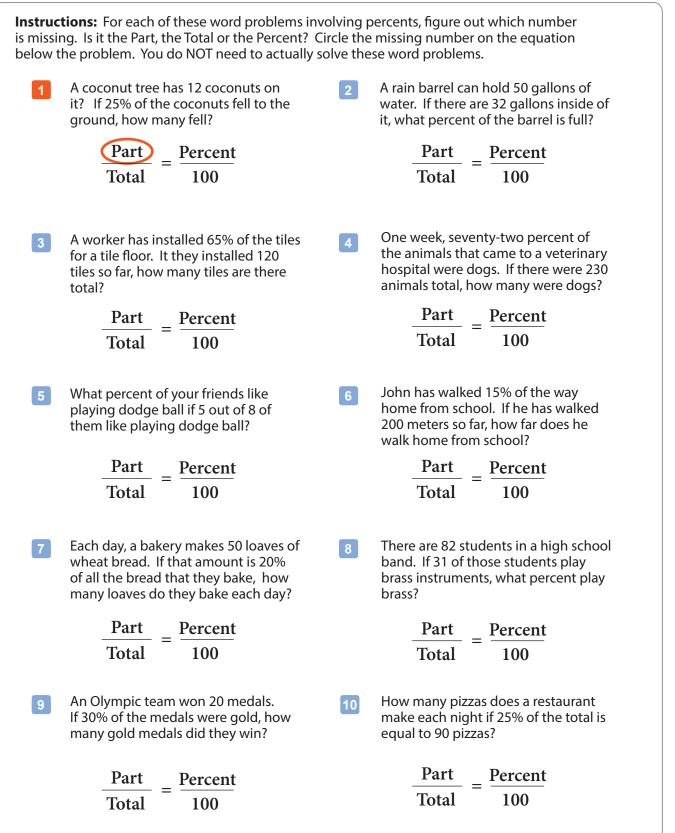
Math Antics[®] Worksheets

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P-WP 1

Percent Word Problems: What Number is Missing?



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What Percent Is It? - Equivalent Fraction Method P-WP 2 **Instructions:** Find the percent by converting to an equivalent fraction that has 100 as the bottom number, just like you learned in the video. 4 out of 25 is what percent? 10 out of 50 is what percent? 1 2 $\frac{4}{25 \times 4} \times \frac{4}{4} = \frac{16}{100} = 16\%$ What percent is 11 out of 20? What percent is 30 out of 200? 4 3 3 out of 5 is what percent? 9 out of 10 is what percent? 5 6 What percent is 15 out of 500? 7 8 What percent is 7 out of 5? 2.5 out of 10 is what percent? 9 10 1.5 out of 25 is what percent?



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What Percent Is It? - Division Method

Instructions: The formula for finding a percent by the division method is shown below. First, divide the top number by the bottom number to get the decimal value of the fraction. Then, just move the decimal point two places to the right (which is exactly the same as multiplying by 100). You can use a calculator to do the division if you need to. Some percents will still have decimal digits (like 12.5%) Formula: **Example** 6 out of 8 is what percent? $\frac{6}{8}$ = 0.75 $\frac{\text{Part}}{\text{Part}} \times 100 = \text{Percent}$ divide_ 0.75 x 100 = (75 then multiply by 100 (or move the decimal point) 6 out of 30 is what percent? What percent is 8 out of 32? 2 1 9 out of 25 is what percent? 45 out of 60 is what percent? 3 4 What percent is 3 out of 8? What percent is 7 out of 8? 6 5 5 out of 15 is what percent? 5 out of 16 is what percent? 7 8

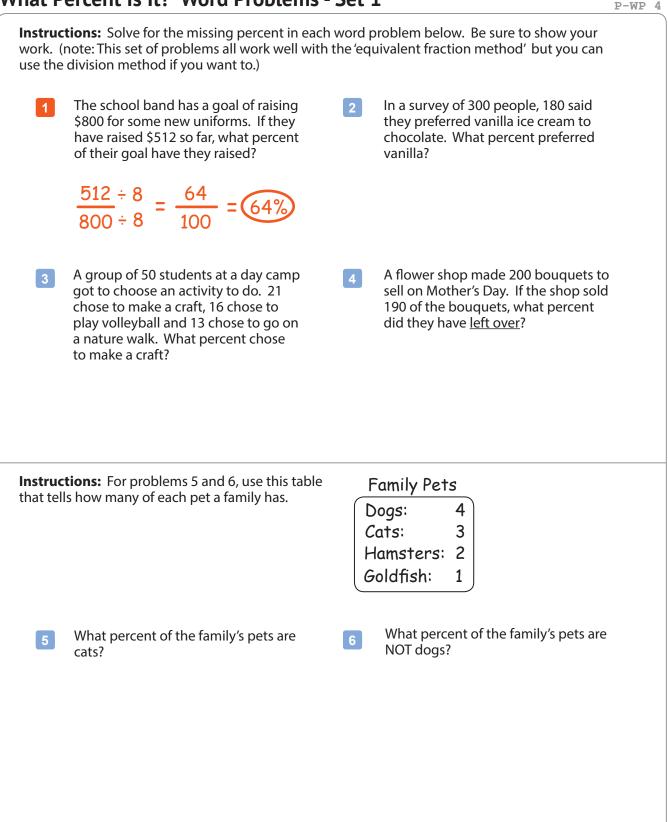




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What Percent Is It? Word Problems - Set 1





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What Percent Is It? Word Problems - Set 2

P-WP 5 Instructions: Solve each word problem below. Use the division method for these problems. You can use a calculator to do the division. If the percent has decimal digits, round it off to one decimal place (like 12.5%). If there are 5 gallons of gas in a car's A salt water fish tank has 24 fish in it. 2 fuel tank, and the tank can hold a If 3 of those fish are Clown Fish, what total of 18 gallons. What percent of percent are Clown Fish? the tank is full? $\frac{5}{18} = 0.277\overline{7}$ 0.2777 × 100 = 27.8% A marathon is a 26 mile run. If a A battery that lasts for 12 hours 4 3 has been in use for 7 hours. What marathon runner has run 19 miles percent of the battery life has been so far, what percent of the marathon has she completed? used up? Instructions: For problems 5 thru 8, Pies Made Daily use this table that tells how many pies Apple: 80 Blueberry: 30 a bakery makes each day. 50 Cherry: Banana Cream: 25 Peach: 40 Key Lime: 15 **Total Pies Made Daily: 240** What percent of the pies are apple? What percent of the pies are blueberry? 5 6 What percent of the pies are key lime? What percent of the pies are NOT peach? 6 5