

Percent Word Problems Worksheet

1. Solve the following three problems. Write the words PERCENT, WHOLE, or PART beside each problem to show which piece you were solving for.

60% of 300 = _____

60% of _____ = 300

60 out of 300 = _____

2. Priya is doing her back-to-school shopping. Calculate all of the missing values in the table below, rounding to the nearest penny, and calculate the total amount Priya will spend on her outfit after she receives the indicated discounts.

	Shirt (25% discount)	Pants (30% discount)	Shoes (15% discount)	Necklace (10% discount)	Sweater (20% discount)
Original Price	\$44			\$20	
Amount of Discount		\$15	\$9		\$7

What is the total cost of Priya's outfit?

3. Mr. Yoshi has 75 papers. He graded 60 papers, and he had a student teacher grade the rest. What percent of the papers did each person grade?

4. Mrs. Bennett has graded 20% of her 150 students' papers. How many papers does she still need to finish grading?

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1. Solve the following three problems. Write the words PERCENT, WHOLE, or PART beside each problem to show which piece you were solving for.

$$60\% \text{ of } 300 = \frac{60}{100} \times 300 = 180 \quad \text{PART}$$

$$60\% \text{ of } \underline{500} = 300 \quad \text{WHOLE}$$

$$60 \text{ out of } 300 = \frac{60}{300} \times 100\% = 20\% \quad \text{PERCENT}$$

2. Priya is doing her back-to-school shopping. Calculate all of the missing values in the table below, rounding to the nearest penny, and calculate the total amount Priya will spend on her outfit after she receives the indicated discounts.

	Shirt (25% discount)	Pants (30% discount)	Shoes (15% discount)	Necklace (10% discount)	Sweater (20% discount)
Original Price	\$44	\$50	\$60	\$20	\$35
Amount of Discount	\$11	\$15	\$9	\$2	\$7

What is the total cost of Priya's outfit?

$$\text{Total cost of outfit} = \$33 + \$35 + \$51 + \$18 + \$28 = \$165$$

3. Mr. Yoshi has 75 papers. He graded 60 papers, and he had a student teacher grade the rest. What percent of the papers did each person grade?

Mr. Yoshi graded 80% of the papers, and the student teacher graded 20%.

4. Mrs. Bennett has graded 20% of her 150 students' papers. How many papers does she still need to finish grading?

Mrs. Bennett has graded 30 papers. $150 - 30 = 120$. Mrs. Bennett has 120 papers left to grade.

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