

Percent Word Problems

- ① Emma completed 60% of her fitness challenge, which involved running 50 miles. How many miles did she run?

- ② If a task takes 8 hours to complete, and Sarah completes 80% of the task, how many hours does she work?

- ③ In a circle graph representing the monthly budget, 15% is allocated for rent, 25% for groceries, and the rest for other expenses. If other expenses amount to \$600, what is the total monthly budget?

- ④ A college admitted 75% of the applicants. If 300 students were admitted, how many students applied?

- ⑤ Tom ordered 8 pizzas for a party. If 40% of the pizzas were vegetarian, how many vegetarian pizzas were there? (Round to the nearest whole number.)

- ⑥ John invested \$5,000 in a stock, and it increased by 12% in the first year. What is the value of his investment after one year?

Percent Word Problems

Answers

- ① Emma completed 60% of her fitness challenge, which involved running 50 miles. How many miles did she run?

30 miles

- ② If a task takes 8 hours to complete, and Sarah completes 80% of the task, how many hours does she work?

6.4 hours

- ③ In a circle graph representing the monthly budget, 15% is allocated for rent, 25% for groceries, and the rest for other expenses. If other expenses amount to \$600, what is the total monthly budget?

\$1000

- ④ A college admitted 75% of the applicants. If 300 students were admitted, how many students applied?

400 students

- ⑤ Tom ordered 8 pizzas for a party. If 40% of the pizzas were vegetarian, how many vegetarian pizzas were there? (Round to the nearest whole number.)

3 pizzas

- ⑥ John invested \$5,000 in a stock, and it increased by 12% in the first year. What is the value of his investment after one year?

\$5,600