

Finding What Percent One Number Is of Another

Solve these word problems.

1. Dan bought a \$30 radio for \$24 at a sale. What percent discount did he get?

$$\begin{aligned} \$30 - \$24 &= \$6 \text{ discount} \\ \text{What percent of } \$30 \text{ is } \$6? \\ ? &= 6 \div 30 \\ 0.20 &= 6 \div 30 \\ 0.20 &= 20\% \end{aligned}$$

Answer 20% discount

2. Juanita had 15 raffle tickets to sell. She sold 6 tickets. What percent of the tickets did she sell?

Answer _____

3. Arthur bought a used car last year for \$2,400. He traded it in on a new car this year and was allowed only \$1,800 for it. What percent of its previous value was his old car worth?

Answer _____

4. Madge bought a scarf marked \$3 for \$2.25. What percent did she save?

Answer _____

5. By paying cash, Mr. Terry bought a television for \$360. Otherwise it would have cost him \$400. What percent did he save?

Answer _____

6. Thomas paid \$7.50 for a football which was originally priced at \$10. What percent did Thomas save?

Answer _____

7. Virginia bought a \$15 shirt on sale for \$10. What percent did she save?

Answer _____

8. Dorothy paid \$35 for a dress which had been marked \$40. What percent did she save?

Answer _____