

Percentage of a Given Quantity



Use the diagram to find the missing amount, then answer without a diagram.

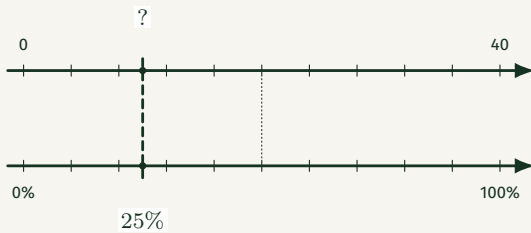
Name _____

Date _____

Show your method

Write the percentage as a decimal, then multiply it by the quantity. Convert a percentage above 100% or with a decimal point the same way.

Worked example Find 25% of 40.

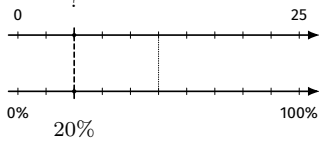


Decimal: $25\% = 0.25$

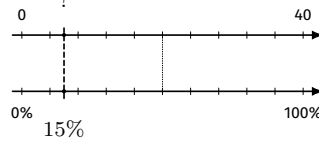
Multiply: $0.25 \times 40 = 10$

So 25% of 40 is 10.

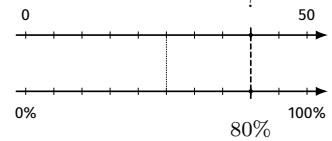
1. Find the missing amount marked ?.



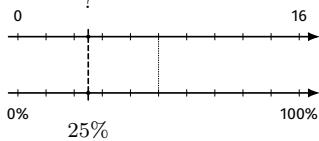
2. Find the missing amount marked ?.



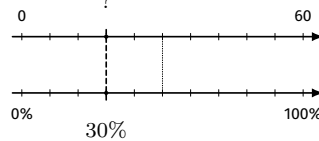
3. Find the missing amount marked ?.



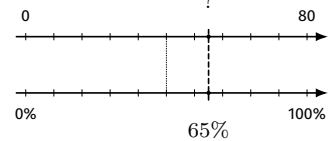
4. Find the missing amount marked ?.



5. Find the missing amount marked ?.



6. Find the missing amount marked ?.



7. Find 10% of 70.

8. Find 50% of 84.

9. Find 75% of 32.

Percentage of a Given Quantity (continued)

Apply the method to money contexts.



Name _____

Date _____

10. Find 20% of 45.

11. Find 35% of 160.

12. Find 4% of 250.

13. GST is 15%. Find the GST on a \$60 item.

14. Find the simple interest earned on \$400 invested at 5% per year for 2 years.

15. A \$70 jacket is discounted by 30%. Find the discount amount.

16. Find the simple interest earned on \$900 invested at 6% per year for 3 years.

17. An item's price before GST is \$140. GST is 15%. Find the amount of GST added.

18. A wholesaler adds a 40% markup to a \$85 cost price. Find the markup amount.
