You can use proportions to solve percent problems.

To find 25% of 72, first set up a proportion.

\[
\frac{25}{100} = \frac{x}{72}
\]

\[25 \cdot 72 = 100 \cdot x\]

Next, find cross products.

\[1,800 = 100x\]

Then solve the equation.

\[x = 18\]

So, 18 is 25% of 72.

Use a proportion to find each number.

1. Find 3% of 75.
2. Find 15% of 85.
3. Find 20% of 50.
4. Find 6% of 90.

You can use multiplication to solve percent problems.

To find 9% of 70, first write the percent as a decimal.

\[9\% = 0.09\]

Then multiply using the decimal.

\[0.09 \cdot 70 = 6.3\]

So, 9% of 70 = 6.3.

Use multiplication to find each number.

5. Find 80% of 48.
6. Find 6% of 30.
7. Find 40% of 120.
8. Find 20% of 98.

9. Find 70% of 70.
10. Find 35% of 120.
11. Find 9% of 50.
12. Find 40% of 150.