

USING PROPORTION TO SOLVE PERCENT PROBLEMS

Use Percent Proportion: $\frac{\%}{100} = \frac{\text{is (part)}}{\text{of (whole)}}$

Solve each problem using percent proportion.

1) What number is 40% of 75?

2) 22% of 160 is what?

3) 9 is what percent of 60?

4) 15 is 25% of what number?

5) 60 is what percent of 25?

6) What percent of 640 is 172.8?

7) 0.5% of 490 is what number?

8) What is 50% of 310?

Answers

- 1) What number is 40% of 75? 30
- 2) 22% of 160 is what? 35.2
- 3) 9 is what percent of 60? 15%
- 4) 15 is 25% of what number? 60
- 5) 60 is what percent of 25? 240%
- 6) What percent of 640 is 172.8? 27%
- 7) 0.5% of 490 is what number? 2.45
- 8) What is 50% of 310? 155