

Hard Percent Problems # 3

Problems

1) 25% of ___ = 40

2) 60% of ___ = 75

3) 5% of ___ = 6

4) 31% of ___ = 620

5) ___% of 700 = 210

6) ___% of 400 = 20

7) ___% of 250 = 100

8) ___% of 1500 = 30

9) ___% of 550 = 110

10) ___% of 200 = 6

Hard Percent Problems # 3

ANSWERS

1) 25% of **160** = 40

$$\frac{\text{part}}{\text{whole}} = \frac{\%}{100} \quad \frac{40}{\text{whole}} = \frac{25\%}{100} \quad \frac{40}{\text{whole}} = \frac{25}{100}$$

Multiply 40 x 100 (4000), then divide by 25, answer (160).

Remember the word "OF" comes right before the whole.

2) 60% of **125** = 75

$$\frac{\text{part}}{\text{whole}} = \frac{\%}{100} \quad \frac{75}{\text{whole}} = \frac{60\%}{100} \quad \frac{75}{\text{whole}} = \frac{60}{100}$$

Multiply 75 x 100 (7500), then divide by 60, answer (125).

3) 5% of **120** = 6

4) 31% of **2000** = 620

5) **30** % of 700 = 210

$$\frac{\text{part}}{\text{whole}} = \frac{\%}{100} \quad \frac{210}{700} = \frac{\%}{100} \quad \frac{210}{700} = \frac{\%}{100}$$

Multiply 210 x 100 (21000), then divide by 700, answer (30).

Remember the word "OF" comes right before the whole.

6) **5** % of 400 = 20

7) **4** % of 250 = 100

8) **2** % of 1500 = 30

9) **20** % of 550 = 110

10) **3** % of 200 = 6