



## **Practice exercise : Percents**

### **Subtopic: Solving Percent Problems**

A. What number is :

- **Eg: 10% of 250 = 25**

- $\frac{10}{100} * 250 = 25$

1. 20% of 70 = \_\_\_\_\_

2. 15% of 80 = \_\_\_\_\_

3. 3% of 300 = \_\_\_\_\_

4. 40% of 820 = \_\_\_\_\_

5. 70% of 1500 = \_\_\_\_\_

6. 5% of 200 = \_\_\_\_\_

7. 8% of 750 = \_\_\_\_\_

8. 22% of 1225 = \_\_\_\_\_

9. 75% of 2468 = \_\_\_\_\_

10. 88% of 9950 = \_\_\_\_\_

B. What percent of :

- **Eg: 200 is 90 = 45%**

○ Its translate to  $n\% * 200 = 90$ . So,  $n\% = \frac{n}{100} = 90 \div$

$200 = \frac{9}{20}$ . To find the value of n:  $\frac{n}{100} = \frac{9}{20}$ . Apply the equivalent fraction rules, we will get  $n = 45\%$ .

1. 500 is 50 = \_\_\_\_\_ %

2. 4 000 is 800 = \_\_\_\_\_ %

3. 1 050 is 735 = \_\_\_\_\_ %

4. 1 852 is 463 = \_\_\_\_\_ %

5. 555 is 43.29 = \_\_\_\_\_ %

6. 4 000 is 1 800 = \_\_\_\_\_ %

7. 62 080 is 58 976 = \_\_\_\_\_ %

8. 21 000 is 630 = \_\_\_\_\_ %

9. 1 750 is 192.5 = \_\_\_\_\_ %

10. 832 132 is 416 066 = \_\_\_\_\_ %

**Answer Key**

**Practice exercise: Percents**

**Subtopic: Changing Between Percents, Decimals, and Fractions**

**A.**

1. 14
2. 12
3. 9
4. 328
5. 1 050
6. 10
7. 60
8. 269.5
9. 1 851
10. 8 756

**B.**

1. 10
2. 20
3.  $10/3$
4. 25
5. 7.8
6. 45
7. 95
8. 3
9. 11
10. 50