



Finding the Number

Example: 25% of what is 20?

$$\frac{20}{n} = \frac{25}{100}$$

$n = 80$

Example: 13% of what is 8?

$$\frac{8}{n} = \frac{13}{100}$$

$$8 \cdot 100 = 13n$$

$$800 = 13n$$

$$\frac{800}{13} = \frac{13n}{13}$$

$$61\frac{7}{13} = n$$

$$n = 61\frac{7}{13}$$

1. 100% of what is 9?

2. 7 is 50% of what number?

3. 10% of what is 8?

4. 6 is 20% of what number?

5. 50% of what is 4?

6. 12 is 25% of what number?

7. 25% of what is 16?

8. 24 is 40% of what number?

9. 20% of what is 6?

10. 9 is 25% of what number?

11. 15% of what is 9

12. 18 is 150% of what number?

13. $33\frac{1}{3}\%$ of what is 9

14. 80 is $66\frac{2}{3}\%$ of what number?