Finding the Number

Example: 25% of what is 20?

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

$n = 80$

×20

Example: 13% of what is 8?

$$8 \bullet 100 = 13n$$

$$800 = 13n$$

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

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

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

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

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 is16?

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?