



## Finding Percent Proportions

**Example:**

25% of what is 80?

$$\frac{80}{n} = \frac{25}{100}$$

$\times 80$

$$\frac{80}{n} = \frac{25}{100}$$

$\times 4$

$$\frac{320}{n} = \frac{100}{40}$$

$\times 80$

$$n = 320$$

**Example:**

What % of 27 is 4.5?

$$4.5 \cdot 100 = 27n$$

$$450 = 27n$$

$$\frac{450}{27} = \frac{27n}{27}$$

$$16\frac{18}{27} = n$$

$$16\frac{2}{3} \%$$

**Example:**

15% of 60 is what?

$$\frac{n}{60} = \frac{15}{100}$$

$\times 3$

$$\frac{n}{60} = \frac{15}{100}$$

$\times 20$

$$\frac{20n}{60} = \frac{300}{100}$$

$\times 3$

$$n = 9$$

- |  |  |
|--|--|
| <p>1. 10% of what is 7?</p> <p>3. 20% of 45 is what?</p> <p>5. What % of 34 is 17?</p> <p>7. 125% of what is 30?</p> <p>9. What % of 15 is 10?</p> <p>11. 120% of 80 is what?</p> <p>13. <math>33\frac{1}{3}\%</math> of 15 is what?</p> | <p>2. 8 is what % of 24?</p> <p>4. 6 is 25% of what number?</p> <p>6. 25% of 44 is what number?</p> <p>8. What is 150% of 60?</p> <p>10. 9 is 25% of what number?</p> <p>12. What % of 5 is 7?</p> <p>14. 80 is <math>66\frac{2}{3}\%</math> of what number?</p> |
|--|--|