



Finding a Percent of a Number

Example: 25% of 20 is what?

$$\frac{n}{20} = \frac{25}{100} \quad n = 5$$

$\overset{\div 5}{\curvearrowright}$
 $\underset{\div 5}{\curvearrowleft}$

Example: 13% of what is 8?

$$8 \cdot 13 = 100n$$

$$104 = 100n$$

$$\frac{104}{100} = \frac{100n}{100}$$

$$1.04 = n$$

$$n = 1.04$$

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

$\swarrow \quad \searrow$
 $\nwarrow \quad \nearrow$

- | | |
|---|--|
| <p>1. 100% of 9 is what?</p> <p>3. 10% of 60 is what?</p> <p>5. 50% of 10 is what?</p> <p>7. 10% of 140 is what?</p> <p>9. 20% of what is 6?</p> <p>11. 15% of 40 is what?</p> <p>13. $33\frac{1}{3}\%$ of 90 is what?</p> | <p>2. What is 50% of 40?</p> <p>4. 20% of 40 is what?</p> <p>6. 25% of 60 is what?</p> <p>8. 40% of 80 is what?</p> <p>10. 25% of 44 is what?</p> <p>12. 150% of 18 is what?</p> <p>14. $66\frac{2}{3}\%$ of 6 is what?</p> |
|---|--|