



Percent Problems – Finding the Total

Examples:

40% of what is 48?

$$\frac{40}{100} = \frac{48}{x}$$

$\overset{\times 12}{\curvearrowright}$
 $\underset{\times 12}{\curvearrowleft}$
 $x = 120$

66% of what is 99?

$$\frac{66}{100} = \frac{99}{x}$$

$\overset{\times 3}{\curvearrowright}$
 $\underset{\times 3}{\curvearrowleft}$
 $x = 150$

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|------------------------|-------------------------|------------------------|
| 1. 50% of what is 45? | 2. 70% of what is 42? | 3. 60% of what is 18? |
| 4. 20% of what is 6? | 5. 8% of what is 2? | 6. 5% of what is 20? |
| 7. 75% of what is 18? | 8. 35% of what is 35? | 9. 1% of what is 6? |
| 10. 48% of what is 24? | 11. 51% of what is 204? | 12. 10% of what is 16? |
| 13. 25% of what is 9? | 14. 45% of what is 9? | 15. 22% of what is 88? |