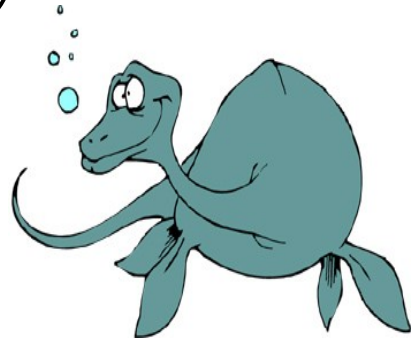


Name: _____

Basic Algebra



Determine the value of the variable in each equation.

1. $6 + a = 12$

$a = \underline{\hspace{2cm}}$

2. $7 - b = 2$

$b = \underline{\hspace{2cm}}$

3. $11 + 14 = c$

$c = \underline{\hspace{2cm}}$

4. $\frac{24}{d} = 3$

$d = \underline{\hspace{2cm}}$

5. $10e = 110$

$e = \underline{\hspace{2cm}}$

6.

$f =$



~ PREVIEW ~

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9. $6 + i = 23$

$i = \underline{\hspace{2cm}}$

10. $j - 17 = 7$

$j = \underline{\hspace{2cm}}$

11. $\frac{42}{7} = k$

$k = \underline{\hspace{2cm}}$

12. $4m = 32$

$m = \underline{\hspace{2cm}}$

13. $\frac{72}{n} = 9$

$n = \underline{\hspace{2cm}}$

14. $33 + 66 = p$

$p = \underline{\hspace{2cm}}$

15. $\frac{q}{8} = 5$

$q = \underline{\hspace{2cm}}$

★ $5 + r = 14 - 3$

$r = \underline{\hspace{2cm}}$

★ $11 + 4 = 3s$

$s = \underline{\hspace{2cm}}$

ANSWER KEY

Basic Algebra

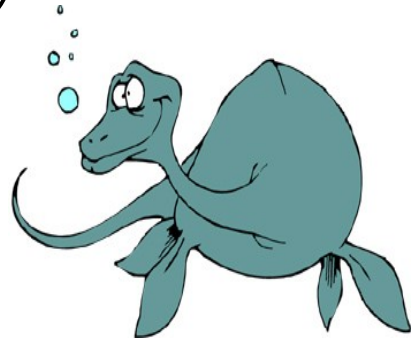
Determine the value of the variable in each equation.

1. $6 + a = 12$

$a = \underline{6}$

2. $7 - b = 2$

$b = \underline{5}$



3. $11 + 14 = c$

$c = \underline{25}$

4. $\frac{24}{d} = 3$

$d = \underline{8}$

5. $10e = 110$

$e = \underline{11}$

6.

$f =$



~ PREVIEW ~

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the printable version of this worksheet.

9. $6 + i = 23$

$i = \underline{17}$

10. $j - 17 = 7$

$j = \underline{24}$

11. $\frac{42}{k} = 7$

$k = \underline{6}$

12. $4m = 32$

$m = \underline{8}$

13. $\frac{72}{n} = 9$

$n = \underline{8}$

14. $33 + 66 = p$

$p = \underline{99}$

15. $\frac{q}{8} = 5$

$q = \underline{40}$

★ $5 + r = 14 - 3$

$r = \underline{6}$

★ $11 + 4 = 3s$

$s = \underline{5}$