

Name: _____

Basic Algebra



Determine the value of the variable in each equation.

1. $a + 5 = 9$

$a =$ _____

2. $15 - c = 12$

$c =$ _____

3. $9 + 15 = y$

$y =$ _____

4. $\frac{45}{d} = 5$

$d =$ _____

5. $10z = 100$

$z =$ _____



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7. $5 + r = 10$
 $r =$ _____

10. $v - 11 = 20$
 $v =$ _____

11. $4 - m = 11$
 $m =$ _____

12. $3s = 9$

$s =$ _____

13. $\frac{16}{h} = 1$

$h =$ _____

14. $15 + 12 = q$

$q =$ _____

15. $\frac{121}{j} = 11$

$j =$ _____

★. $4 + f = 13 - 2$

$f =$ _____

★. $5 + 3 = 4d$

$d =$ _____

ANSWER KEY

Basic Algebra



Determine the value of the variable in each equation.

1. $a + 5 = 9$

$a = \underline{4}$

2. $15 - c = 12$

$c = \underline{3}$

3. $9 + 15 = y$

$y = \underline{24}$

4. $\frac{45}{d} = 5$

$d = \underline{9}$

5. $10z = 100$

$z = \underline{10}$



Preview

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7. $3r = 45$
 $r = \underline{15}$

10. $v \div 11 = 20$
 $v = \underline{40}$

11. $4m = 48$
 $m = \underline{12}$

12. $3s = 9$

$s = \underline{3}$

13. $\frac{16}{h} = 1$

$h = \underline{16}$

14. $15 + 12 = q$

$q = \underline{27}$

15. $\frac{121}{j} = 11$

$j = \underline{11}$

★. $4 + f = 13 - 2$

$f = \underline{7}$

★. $5 + 3 = 4d$

$d = \underline{2}$