

Name: _____

Basic Algebra Review

Evaluate each expression. Let $a = 24$. Let $b = 2$.

1. $34 - b$ _____

2. $\frac{a}{3}$ _____

3. $9b$ _____

4. $a + b$ _____

5. $2a$ _____

6. $\frac{24}{a}$ _____

Rewrite each phrase as an algebraic expression.

7. subtract 7 from c _____

8. 10 divided by d _____



Determine the value of the unknown variable in each equation.

14. $11j = k$

$j = \underline{\hspace{2cm}}, k = 110$

15. $\frac{16}{m} = n$

$m = 4, n = \underline{\hspace{2cm}}$

16. $p + 7 = q$

$p = \underline{\hspace{2cm}}, q = 19$

Complete the tables.

17.

$\frac{40}{r} = s$

r	2		5	8	
s		10			1

18.

$13 - x = y$

x			5	9	
y	0	11			1

ANSWER KEY

Basic Algebra Review

Evaluate each expression. Let $a = 24$. Let $b = 2$.

1. $34 - b$ 32

2. $\frac{a}{3}$ 8

3. $9b$ 18

4. $a + b$ 26

5. $2a$ 48

6. $\frac{24}{a}$ 1

Rewrite each phrase as an algebraic expression.

7. subtract 7 from c $c - 7$

8. 10 divided by d $\frac{10}{d}$



Preview
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Determine the value of the unknown variable in each equation.

14. $11j = k$

$j = \underline{10}$, $k = 110$

15. $\frac{16}{m} = n$

$m = 4$, $n = \underline{4}$

16. $p + 7 = q$

$p = \underline{12}$, $q = 19$

Complete the tables.

17.

$\frac{40}{r} = s$

r	2	4	5	8	40
s	20	10	8	5	1

18.

$13 - x = y$

x	13	2	5	9	12
y	0	11	8	4	1