

Name \_\_\_\_\_

Score: \_\_\_\_\_

# Basic Algebra

Evaluate each expression.



$a = 2,$

$b = 3,$

$c = 5$

1.  $a + 8$  \_\_\_\_\_

2.  $12 - c$  \_\_\_\_\_

3.  $5b$  \_\_\_\_\_

4.  $\frac{50}{c}$  \_\_\_\_\_

5.  $20 - a$  \_\_\_\_\_

6.  $6b$  \_\_\_\_\_

7.  $\frac{80}{c}$  \_\_\_\_\_

8.  $c - 1$  \_\_\_\_\_

9.  $a + b + c$  \_\_\_\_\_

10.  $\frac{a}{2}$  \_\_\_\_\_

$p = 10,$

$q = 20,$

$r = 30$

11.  $p^2$  \_\_\_\_\_

12.  $\frac{r}{p}$  \_\_\_\_\_

13.  $p + 5 + 4$  \_\_\_\_\_

14.  $q - 9$  \_\_\_\_\_

15.  $5r$  \_\_\_\_\_

16.  $\frac{r}{2}$  \_\_\_\_\_

17.  $\frac{q}{2}$  \_\_\_\_\_

18.  $r - p$  \_\_\_\_\_

19.  $p + q$  \_\_\_\_\_

20.  $\frac{40}{p}$  \_\_\_\_\_

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# Basic Algebra **ANSWER KEY**



Evaluate each expression.

$$a = 2,$$

$$b = 3,$$

$$c = 5$$

1.  $a + 8$       10

2.  $12 - c$       7

3.  $5b$       15

4.  $\frac{50}{c}$       10

5.  $20 - a$       18

6.  $6b$       18

7.  $\frac{80}{c}$       16

8.  $c - 1$       4

9.  $a + b + c$       10

10.  $\frac{a}{2}$       1

$$p = 10,$$

$$q = 20,$$

$$r = 30$$

11.  $p^2$       20

12.  $\frac{r}{p}$       3

13.  $p + 5 + 4$       19

14.  $q - 9$       11

15.  $5r$       150

16.  $\frac{r}{2}$       15

17.  $\frac{q}{2}$       10

18.  $r - p$       20

19.  $p + q$       30

20.  $\frac{40}{p}$       4