

Name \_\_\_\_\_

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

# Basic Algebra

Evaluate each expression.



$a = 4,$

$b = 6,$

$c = 4$

1.  $a + 5$  \_\_\_\_\_

2.  $15 - c$  \_\_\_\_\_

3.  $8b$  \_\_\_\_\_

4.  $\frac{20}{c}$  \_\_\_\_\_

5.  $24 - a$  \_\_\_\_\_

6.  $12b$  \_\_\_\_\_

7.  $\frac{36}{b}$  \_\_\_\_\_

8.  $a - 3$  \_\_\_\_\_

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

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

$p = 15,$

$q = 5,$

$r = 40$

11.  $q25$  \_\_\_\_\_

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

13.  $p + 6 + 9$  \_\_\_\_\_

14.  $p - 9$  \_\_\_\_\_

15.  $12r$  \_\_\_\_\_

16.  $\frac{r}{4}$  \_\_\_\_\_

17.  $\frac{p}{3}$  \_\_\_\_\_

18.  $r - q$  \_\_\_\_\_

19.  $p - q$  \_\_\_\_\_

20.  $\frac{45}{p}$  \_\_\_\_\_

Name \_\_\_\_\_

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

# Basic Algebra **ANSWER KEY**



Evaluate each expression.

$a = 4,$

$b = 6,$

$c = 4$

1.  $a + 5$                       9

2.  $15 - c$                       11

3.  $8b$                               48

4.  $\frac{20}{c}$                               5

5.  $24 - a$                       20

6.  $12b$                               72

7.  $\frac{36}{b}$                               6

8.  $a - 3$                               1

9.  $a + b + c$                       14

10.  $\frac{c}{a}$                               1

$p = 15,$

$q = 5,$

$r = 40$

11.  $q25$                               125

12.  $\frac{p}{Q}$                               3

13.  $p + 6 + 9$                       30

14.  $p - 9$                               6

15.  $12r$                               480

16.  $\frac{r}{4}$                               10

17.  $\frac{p}{3}$                               5

18.  $r - q$                               35

19.  $p - q$                               10

20.  $\frac{45}{p}$                               3