

## Variable expressions Worksheet

Find the value of the expressions for the given values of the variable(s).

1 a.  $\frac{9}{r}$ , when  $r = 4$

1 b.  $s^2$ , when  $s = 6$

2 a.  $9 - z$ , when  $z = 1$

2 b.  $s - u$ , when  $s = 8$  and  $u = 3$

3 a.  $c + q + 3$ , when  $c = 9$  and  $q = 10$

3 b.  $n^4$ , when  $n = 9$

4 a.  $\frac{7}{y}$ , when  $y = 3$

4 b.  $n + 3$ , when  $n = 9$

5 a.  $5dr$ , when  $d = 1$  and  $r = 2$

5 b.  $8ps$ , when  $p = 7$  and  $s = 4$

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Answer Key

1 a.  $2 \frac{1}{4}$

1 b. 36

2 a. 8

2 b. 5

3 a. 22

3 b. 6561

4 a.  $2 \frac{1}{3}$

4 b. 12

5 a. 10

5 b. 224