

Name: _____

Date _____

Topic: Evaluating Formulas - Worksheet 1

Determine the value of the indicated variable.

1. $k = 8d$ $d=2$ Find k

2. $m = 4d + 2r$ $d=2$
 $m=2$ Find r

3. $i = 3a$ $a=4$ Find i

4. $k = 8(p + 6q)$ $q=7$
 $k=8$ Find p

5. $m = 32a - 12r/8$ $a=2$
 $r=4$ Find m

6. $8r = p - 4d$ $p=3$
 $d=4$ Find r

7. $l = 40z - 8$ $l=9$ Find z

8. $p = 11a + y$ $a=6$
 $y=2$ Find p

9. $8p = 6a - 7k$ $p=7$
 $k=6$ Find a

10. $7f = 6d/7$ $d=6$ Find f



Name: _____

Date _____

Topic: Evaluating Formulas - Worksheet 2

Determine the value of the indicated variable.

1. $k = 6d$ $d=2$ Find k

2. $m = 6d + 8r$ $d=8$
 $m=4$ Find r

3. $i = 7a$ $a=3$ Find i

4. $k = 2(p + 4q)$ $q=6$
 $k=7$ Find p

5. $m = 23a - 14r/8$ $a=7$
 $r=6$ Find m

6. $4r = p - 3d$ $p=7$
 $d=8$ Find r

7. $l = 60z - 8$ $l=4$ Find z

8. $p = 48a + y$ $a=4$
 $y=4$ Find p

9. $8p = 8a - 9k$ $p=3$
 $k=7$ Find a

10. $4f = 6d/7$ $d=7$ Find f



Name: _____

Date _____

Topic: Evaluating Formulas - Worksheet 3

Determine the value of the indicated variable.

1. $k = 4d$ $d=8$ Find k

2. $m = 4d + 3r$ $d=4$
 $m=3$ Find r

3. $i = 6a$ $a=2$ Find i

4. $k = 4(p + 6q)$ $q=8$
 $p=6$ Find K

5. $m = 20a - 18r/6$ $a=4$
 $r=4$ Find m

6. $4r = p - 2d$ $p=6$
 $d=7$ Find r

7. $l = 10z - 4$ $l=2$ Find z

8. $p = 20a + y$ $a=2$
 $y=3$ Find p

9. $9p = 4a - 3k$ $p=7$
 $k=6$ Find a

10. $8f = 6d/6$ $d=2$ Find f



Name: _____

Date _____

Topic: Evaluating Formulas - Worksheet 4

Determine the value of the indicated variable.

1. $l = 2z - 8$ $l=2$ Find z

2. $p = 66a + y$ $a=6$ Find p
 $y=2$

3. $7p = 8a - 3k$ $p=4$ Find a
 $k=3$

4. $8r = p - 5d$ $p=3$ Find r
 $d=5$

5. $m = 22a - 11r/8$ $a=7$ Find m
 $r=6$

6. $k = 4(p + 3q)$ $q=5$ Find p
 $k=3$

7. $m = 5d + 3r$ $d=2$ Find m
 $r=2$

8. $i = 3a$ $a=2$ Find i

9. $2f = 2d/6$ $d=3$ Find f

10. $k = 4d$ $d=5$ Find k



Name: _____

Date _____

Topic: Evaluating Formulas - Worksheet 5

Determine the value of the indicated variable.

1. $l = 30z - 6$ $l=2$ Find z

2. $p = 64a + y$ $a=4$ Find p
 $y=4$

3. $5p = 6a - 5k$ $p=6$ Find a
 $k=5$

4. $6r = p - 7d$ $p=5$ Find r
 $d=7$

5. $m = 24a - 13r/4$ $a=7$ Find m
 $r=6$

6. $k = 2(p + 3q)$ $q=3$ Find k
 $p=5$

7. $m = 3d + 3r$ $d=4$ Find r
 $m=8$

8. $i = 2a$ $a=4$ Find i

9. $3f = 4d/3$ $d=2$ Find f

10. $k = 3d$ $d=6$ Find k

