**Areas Review**

1. Square *A = b x h* Example:

base = 5, height = 5 cm

1. Rectangle *A = b x h* Example:

base = 6 cm, height = 5 cm

1. Parallelogram *A = b x h* Example:

base = 8 cm, height = 6 cm

1. Kite *A* = *d*1 x *d*2 ÷ 2 Example:

Diagonal1 = 6 cm, *d*2 = 9 cm

1. Trapezoid *A* = ½(*b*1 + *b*2) x *h* Example:

*b*1 = 9 cm, *b*2 = 5 cm, *h* = 6 cm

1. Circle *A* = π x *r*2 Example:

*r* = 4.5 cm

1. Right Triangle *A* = *b* x *h* ÷ 2 Example:

base = 6 cm, height = 8 cm

1. Non-Right Example:

Triangle base = 11 cm, height = 8 cm

**Answer KEY—Areas Review**

1. Square *A* = *b* x *h* Example:

**A = 5 x 5** base = 5, height = 5 cm

5 cm

5 cm

**= 25 cm2**

1. Rectangle *A* = *b* x *h* Example:

**A = 6 x 5** base = 6 cm, height = 5 cm

5 cm

**=** **30 cm2**

6 cm

1. Parallelogram *A* = *b* x *h* Example:

6 cm

**A = 8 x 6** base = 8 cm, height = 6 cm

8 cm

= **48 cm2**

6 cm

1. Kite *A* = *d*1 x *d*2 ÷ 2 Example:

**A = 6 x 9 ÷ 2** Diagonal1 = 6 cm, *d*2 = 9 cm

9 cm

**= 27 cm2**

5 cm

1. Trapezoid *A* = ½(*b*1 + *b*2) x *h* Example:

6 cm

**A = (9 + 5) ÷ 2 x 6** *b*1 = 9 cm, *b*2 = 5 cm, *h* = 6 cm

**= 42 cm2**

9 cm

4.5 cm

1. Circle *A* = π x *r*2 Example:

**A = 3.14 x 4.5 x 4.5** *r* = 4.5 cm

**= 63.585 cm2**

8 cm

1. Right Triangle *A* = *b* x *h* ÷ 2 Example:

**A = 6 x 8 ÷ 2** base = 6 cm, height = 8 cm

**= 24 cm2**

6 cm

1. Non-Right *A* = *b* x *h* ÷ 2 Example:

8 cm

Triangle **A = 8 x 11 ÷ 2** base = 11 cm, height = 8 cm

**= 44 cm2**

11 cm