Handout 1

Area of a Square

Find the area of each square.

12 yd

8 m

6 ft

1) 2) 3)

12 yd

6 ft

8 m

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

3 ft

9 mm

5 in

4) 5) 6)

5 in

9 mm

3 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

7 m

11 cm

2 yd

7) 8) 9)

7 m

2 yd

11 cm

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

Handout 2

Area of a Rectangle

Find the area of each rectangle.

7 mi

6 km

1) 2)

5 km

9 mi

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

8 ft

4 km

3) 4)

1 km

9 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

7 m

2 m

5) 6)

5 m

8 m

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

Handout 3

Area of a Parallelogram

Find the area of each parallelogram.

9 ft

1) 2)

4.8 ft

5.8 ft

6 km

6 km

7.4 km

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

5 yd

3) 4)

3.1 yd

6 km

4.7 km

4.8 yd

5 km

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

3 mi

5) 6)

8.5 ft

9 ft

5.4 mi

5 mi

8.7 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

Handout 4

Area of a Triangle

Find the area of each triangle.

1) 2)

2.2 ft

2.5 yd

3.3 yd

1.8 ft

3.3 ft

4 ft

2.2 yd

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

3) 4)

2.9 km

2.7 km

2.5 km

4.8 ft

4.7 ft

5.1 ft

1.8 km

2.8 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

5) 6)

4.4 ft

3.6 ft

2.5 m

1.8 m

2.9 ft

1.8 m

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

Handout 5

Area of a Trapazoid

Find the area of each trapazoid.

2.6 mi

1.2 ft

1. 2)

1.2 mi

1.6 mi

2.6 ft

2.9 ft

2.9 ft

2.2 mi

2.6 mi

3.6 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

0.7 km

2.4 ft

3) 4)

0.9 km

0.8 km

2.9 ft

2.5 ft

2.9 ft

1.0 km

2.0 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

1.8 km

0.5 km

5) 6)

1.8 km

1.7 km

1.4 km

2.9 km

1.6 km

1.8 km

1.5 km

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

Handout 6

Area of a cirlce

Find the area of each circle. Round your answers to the nearest thenth. (Use 3.14 for pi.)

1. 2)

J

S

J = 35 yd

S = 93 m

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

F = 62 mi

3) 4)

Z

F

Z = 8 ft

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

5) 6)

P

B = 71 yd

P = 91 yd

B

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

7) 8)

G

A

A = 22 ft

G = 40 in

Area = \_\_\_\_\_\_\_\_\_\_\_\_ Area = \_\_\_\_\_\_\_\_\_\_\_\_

Handout 7

Find the area of the composite figures.

9

1)

2

4

4

7

4

2

2)

5

8

5

2

5

11

6

3)

5

3

7

3

4

6

Answer Sheets for Handouts 1 – 7

Handout 1

1) 64 m2

2) 36 ft2

3) 144 yd2

4) 25 in2

5) 81 mm2

6) 9 ft2

7) 121 cm2

8) 4 yd2

9) 49 m2

Handout 2

1) 63 mi2

2) 30 km2

3) 72 ft2

4) 4 km2

5) 16 m2

6) 35 m2

Handout 3

1) 36 km2

2) 43.2 ft2

3) 28.2 km2

4) 15.5 yd2

5) 76.5 ft2

6) 15 mi2

Handout 4

1) 3.6 ft2

2) 2.75 yd2

3) 6.58 ft2

4) 2.25 km2

5) 1.62 m2

6) 5.22 ft2

Handout 5

1) 6.24 ft2

2) 3.64 mi2

3) 6.38 mi2

4) 0.68 km2

5) 1.40 km2

6) 3.76 km2

Handout 6

1) 3846.5 yd2

2) 6789.5 m2

3) 50.2 ft2

4) 12070.2 mi2

5) 26002.3 yd2

6) 15828.7 yd2

7) 1519.8 ft2

8) 1256 in2

Handout 7

1) 48

2) 51

3) 37