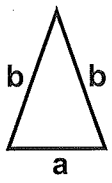
Name : _____ Score : _____

Teacher : _____ Date : _____

Identify and Calculate the Area and Perimeter for each Triangle.

1)



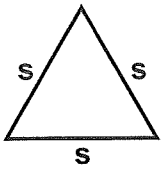
a = 3.8 mm b = 6.2 mm

Area: 11.21 sq mm

Perimeter: 16.2 mm

Type: Isosceles Triangle

2)



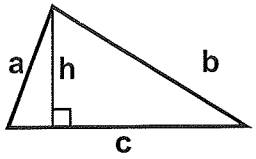
s = 5.9 ft

Area: 15.07 sq ft

Perimeter: 17.7 ft

Type: Equilateral Triangle

3)



a = 5.02 mm b = 8.88 mm

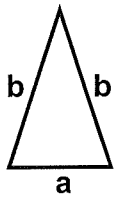
c = 9.3 mm h = 4.7 mm

Area: 21.855 sq mm

Perimeter: 23.2 mm

Type: Common Triangle

4)



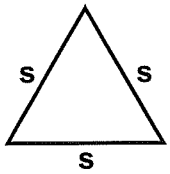
a = 4 ft b = 7.1 ft

Area: 13.62 sq ft

Perimeter: 18.2 ft

Type: Isosceles Triangle

5)



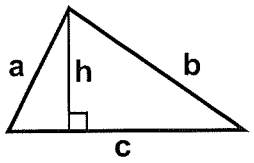
s = 6.1 yds

Area: 16.11 sq yds

Perimeter: 18.3 yds

Type: Equilateral Triangle

6)



a = 5.37 inches b = 8.32 inches

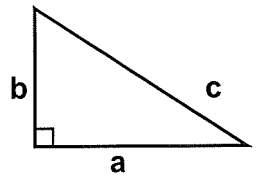
c = 9.2 inches h = 4.8 inches

Area: 22.08 sq inches

Perimeter: 22.89 inches

Type: Common Triangle

7)



a = 8.3 yds b = 5.4 yds

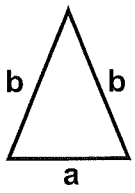
c = 9.9 yds

Area: 22.41 sq yds

Perimeter: 23.6 yds

Type: Right Triangle

8)



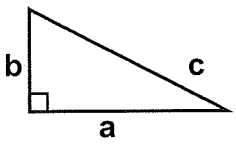
a = 4.7 inches b = 6.7 inches

Area: 14.74 sq inches

Perimeter: 18.1 inches

Type: Isosceles Triangle

9)



a = 7.7 cm b = 4 cm

c = 8.68 cm

Area: 15.4 sq cm

Perimeter: 20.38 cm

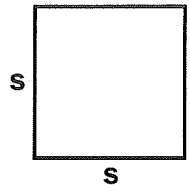
Type: Right Triangle

Name : _____ Score : _____

Teacher : _____ Date : _____

Identify and Calculate the Area and Perimeter for each Quadrilateral.

1)



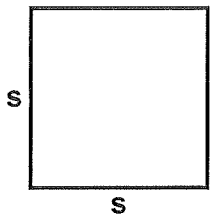
s = 5.9 inches

Area: 34.81 sq inches

Perimeter: 23.6 inches

Type: Square

2)



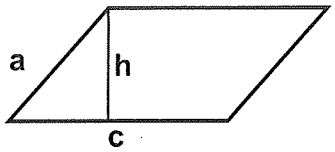
s = 7 mm

Area: 49 sq mm

Perimeter: 28 mm

Type: Square

3)



a = 4.83 cm

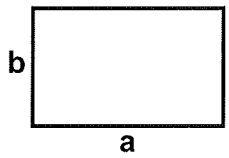
c = 8.6 cm h = 4.4 cm

Area: 37.84 sq cm

Perimeter: 26.86 cm

Type: Parallelogram

4)



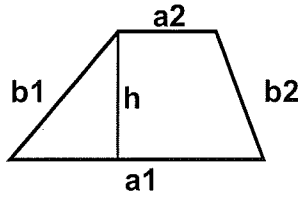
a = 7.5 ft b = 4.6 ft

Area: 34.5 sq ft

Perimeter: 24.2 ft

Type: Rectangle

5)



a1 = 10 cm a2 = 3.9 cm

b1 = 6.55 cm b2 = 5.34 cm

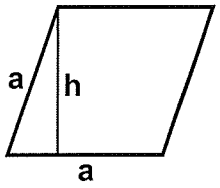
h = 5 cm

Area: 34.75 sq cm

Perimeter: 25.79 cm

Type: Trapezoid

6)



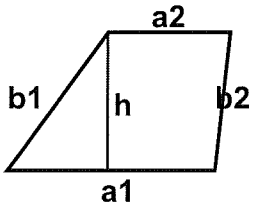
a = 6.1 ft h = 5.77 ft

Area: 35.197 sq ft

Perimeter: 24.4 ft

Type: Rhombus

7)



a1 = 8.1 yds a2 = 4.8 yds

b1 = 6.68 yds b2 = 5.44 yds

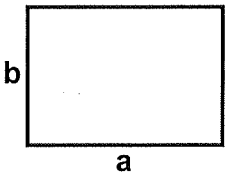
h = 5.4 yds

Area: 34.83 sq yds

Perimeter: 25.02 yds

Type: Trapezoid

8)



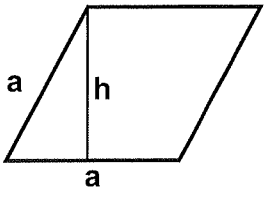
a = 7.7 inches b = 5.4 inches

Area: 41.58 sq inches

Perimeter: 26.2 inches

Type: Rectangle

9)



a = 6.8 yds h = 6 yds

Area: 40.8 sq yds

Perimeter: 27.2 yds

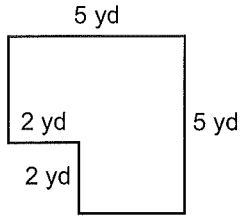
Type: Rhombus

Calculating Area & Perimeter

ANSWER KEY

Calculate the area and perimeter of each shape.

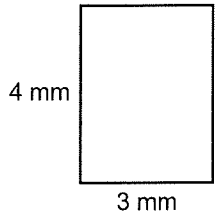
(1)



Perimeter: 20 yd

Area: 21 yd^2

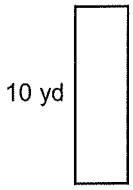
(2)



Perimeter: 14 mm

Area: 12 mm^2

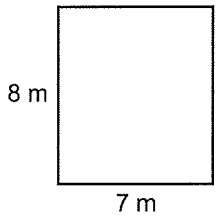
(3)



Perimeter: 26 yd

Area: 30 yd^2

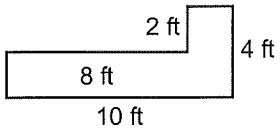
(4)



Perimeter: 30 m

Area: 56 m^2

(5)



Perimeter: 28 ft

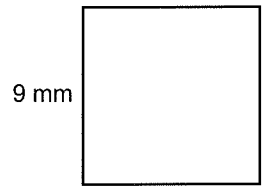
Area: 24 ft^2

(6)

Perimeter: 18 mm

Area: 18 mm^2

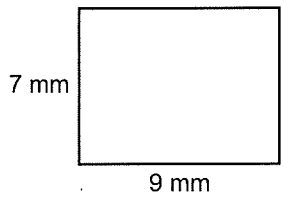
(7)



Perimeter: 36 mm

Area: 81 mm^2

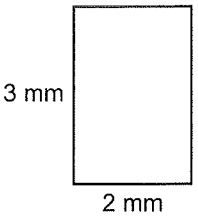
(8)



Perimeter: 32 mm

Area: 63 mm^2

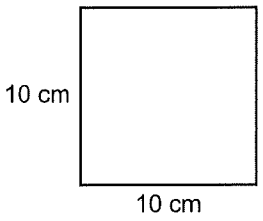
(9)



Perimeter: 10 mm

Area: 6 mm^2

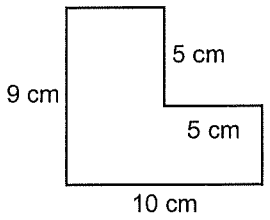
(10)



Perimeter: 40 cm

Area: 100 cm^2

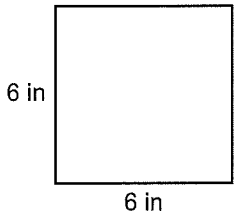
(11)



Perimeter: 38 cm

Area: 65 cm^2

(12)



Perimeter: 24 in

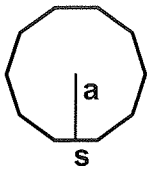
Area: 36 in^2

Name : _____ Score : _____

Teacher : _____ Date : _____

Identify and Calculate the Area and Perimeter for each Polygon.

1)



s = 2.4 inches

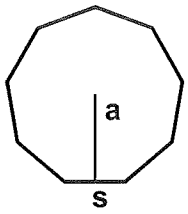
a = 3.693 inches

Area: 44.32 sq inches

Perimeter: 24 inches

Type: Decagon

2)



s = 3 mm

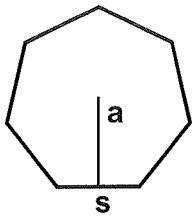
a = 4.121 mm

Area: 55.64 sq mm

Perimeter: 27 mm

Type: Nonagon

3)



s = 3.2 ft

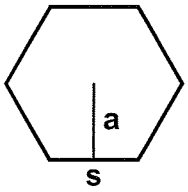
a = 3.322 ft

Area: 37.21 sq ft

Perimeter: 22.4 ft

Type: Heptagon

4)



s = 6.9 mm

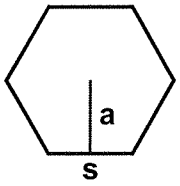
a = 5.976 mm

Area: 123.69 sq mm

Perimeter: 41.4 mm

Type: Hexagon

5)



s = 6.6 cm

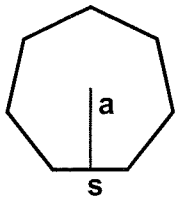
a = 5.716 cm

Area: 113.17 sq cm

Perimeter: 39.6 cm

Type: Hexagon

6)



s = 2.9 yds

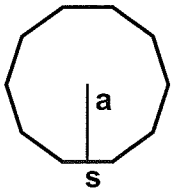
a = 3.011 yds

Area: 30.56 sq yds

Perimeter: 20.3 yds

Type: Heptagon

7)



s = 2.8 ft

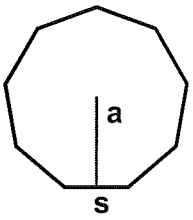
a = 4.309 ft

Area: 60.32 sq ft

Perimeter: 28 ft

Type: Decagon

8)



s = 3.1 yds

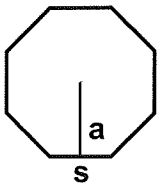
a = 4.259 yds

Area: 59.41 sq yds

Perimeter: 27.9 yds

Type: Nonagon

9)



s = 5.8 inches

a = 7.001 inches

Area: 162.43 sq inches

Perimeter: 46.4 inches

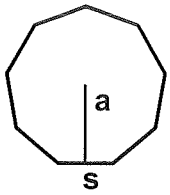
Type: Octagon

Name : _____ Score : _____

Teacher : _____ Date : _____

Identify and Calculate the Area and Perimeter for each Polygon.

1)



s = 2.7 mm

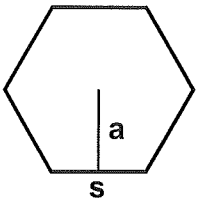
a = 3.709 mm

Area: 45.07 sq mm

Perimeter: 24.3 mm

Type: Nonagon

2)



s = 7.4 inches

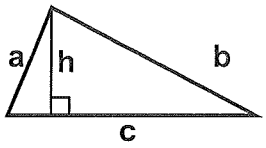
a = 6.409 inches

Area: 142.27 sq inches

Perimeter: 44.4 inches

Type: Hexagon

3)



a = 4.53 yds b = 9.03 yds

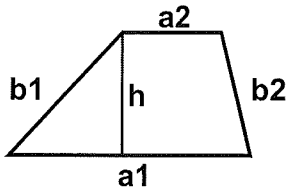
c = 9.7 yds h = 4.2 yds

Area: 20.37 sq yds

Perimeter: 23.26 yds

Type: Common Triangle

4)



a1 = 9.5 cm a2 = 3.9 cm

b1 = 6.55 cm b2 = 4.93 cm

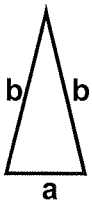
h = 4.8 cm

Area: 32.16 sq cm

Perimeter: 24.88 cm

Type: Trapezoid

5)



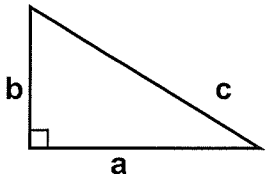
a = 3.1 inches b = 7.3 inches

Area: 11.06 sq inches

Perimeter: 17.7 inches

Type: Isosceles Triangle

6)



a = 9 mm b = 5.5 mm

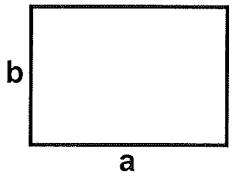
c = 10.55 mm

Area: 24.75 sq mm

Perimeter: 25.05 mm

Type: Right Triangle

7)



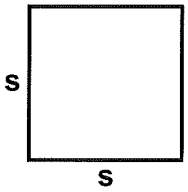
a = 7.7 cm b = 5.4 cm

Area: 41.58 sq cm

Perimeter: 26.2 cm

Type: Rectangle

8)



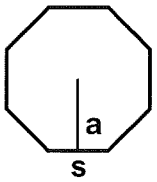
s = 6 ft

Area: 36 sq ft

Perimeter: 24 ft

Type: Square

9)



s = 5.6 yds

a = 6.76 yds

Area: 151.42 sq yds

Perimeter: 44.8 yds

Type: Octagon