Name : _____   Score : _____
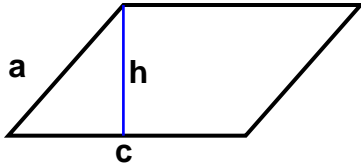
Teacher : _____   Date : _____

Identify and Calculate the Area and Perimeter for each Polygon.
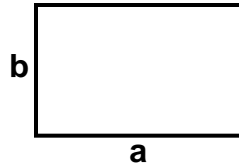
1)

a   h

c

a = 5.45 mm
c = 8.9 mm   h = 4.9 mm

Area: _____

Perimeter: _____

Type: _____

2)

b

a
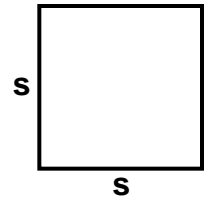
a = 7.8 yds   b = 4.9 yds

Area: _____

Perimeter: _____

Type: _____

3)

s

s

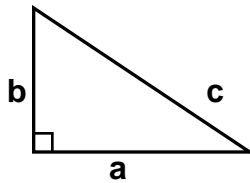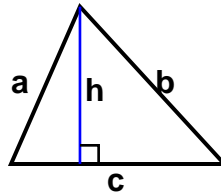s = 6.1 ft

Area: _____

Perimeter: _____

Type: _____

4)

b   c

a

a = 8.1 cm   b = 5.4 cm
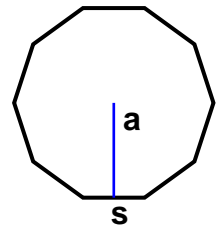c = 9.73 cm

Area: _____

Perimeter: _____

Type: _____

5)

a   h   b

c

a = 6.44 mm   b = 8.01 mm
c = 8 mm   h = 5.9 mm

Area: _____

Perimeter: _____

Type: _____

6)

a

s

s = 3.3 yds

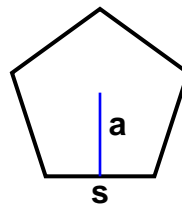a = 5.0782 yds

Area: _____

Perimeter: _____

Type: _____

7)

a

s
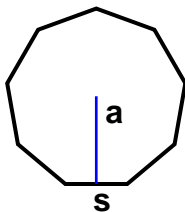
s = 2.9 inches

a = 3.9838 inches

Area: _____

Perimeter: _____

Type: _____

8)

a

s

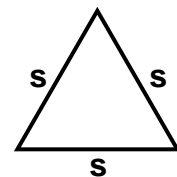s = 6.6 cm
a = 4.5421 cm

Area: _____

Perimeter: _____

Type: _____

9)

s   s

s

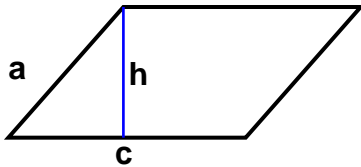s = 6 inches

Area: _____

Perimeter: _____

Type: _____

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Identify and Calculate the Area and Perimeter for each Polygon.

1)

a = 5.45 mm
c = 8.9 mm   h = 4.9 mm

Area: 43.61 sq mm
Perimeter: 28.7 mm
Type: Parallelogram

2)
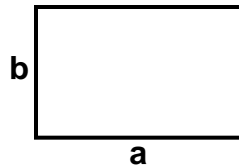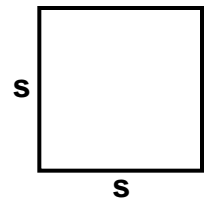
a = 7.8 yds   b = 4.9 yds

Area: 38.22 sq yds
Perimeter: 25.4 yds
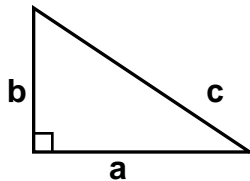Type: Rectangle

3)

s = 6.1 ft

Area: 37.21 sq ft
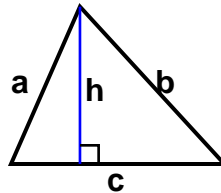Perimeter: 24.4 ft
Type: Square

4)

a = 8.1 cm   b = 5.4 cm
c = 9.73 cm

Area: 21.87 sq cm
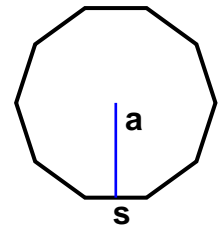Perimeter: 23.23 cm
Type: Right Triangle

5)

a = 6.44 mm   b = 8.01 mm
c = 8 mm   h = 5.9 mm

Area: 23.6 sq mm
Perimeter: 22.45 mm
Type: Common Triangle

6)

s = 3.3 yds
a = 5.0782 yds

Area: 83.79 sq yds
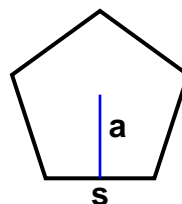Perimeter: 33 yds
Type: Decagon

7)
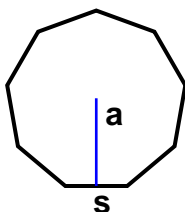
s = 2.9 inches
a = 3.9838 inches

Area: 51.99 sq inches
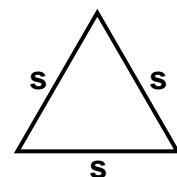Perimeter: 26.1 inches
Type: Nonagon

8)

s = 6.6 cm
a = 4.5421 cm

Area: 74.94 sq cm
Perimeter: 33 cm
Type: Pentagon

9)

s = 6 inches

Area: 15.59 sq inches
Perimeter: 18 inches
Type: Equilateral Triangle

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