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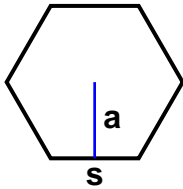
Teacher : _____   **Date :** _____

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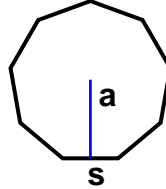
1)

s = 6.6 mm

a = 5.7158 mm

Area: _____

Perimeter: _____

Type: _____

2)

s = 2.6 inches
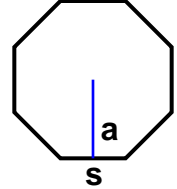
a = 3.5717 inches

Area: _____

Perimeter: _____

Type: _____

3)

s = 5.9 cm
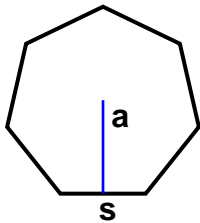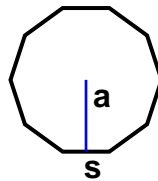
a = 7.1219 cm

Area: _____

Perimeter: _____

Type: _____

4)

s = 3.2 yds

a = 3.3224 yds

Area: _____

Perimeter: _____

Type: _____

5)

s = 2.5 cm

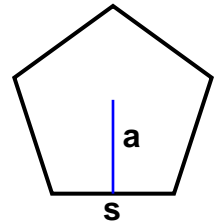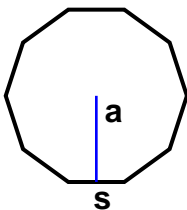a = 3.8471 cm

Area: _____

Perimeter: _____

Type: _____

6)

s = 7.4 yds

a = 5.0926 yds

Area: _____

Perimeter: _____

Type: _____

7)

s = 3 inches
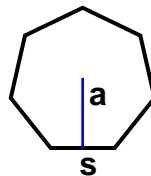
a = 4.6165 inches

Area: _____

Perimeter: _____

Type: _____

8)

s = 2.4 ft
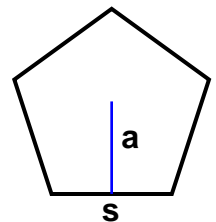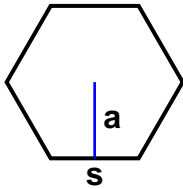
a = 2.4918 ft

Area: _____

Perimeter: _____

Type: _____

9)

s = 7.3 mm

a = 5.0238 mm

Area: _____

Perimeter: _____

Type: _____

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Identify and Calculate the Area and Perimeter for each Polygon.

1)

s = 6.6 mm
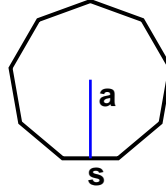
a = 5.7158 mm

Area: 113.17 sq mm

Perimeter: 39.6 mm

Type: Hexagon

2)

s = 2.6 inches
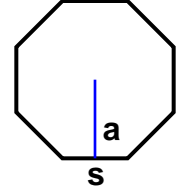
a = 3.5717 inches

Area: 41.79 sq inches

Perimeter: 23.4 inches

Type: Nonagon

3)

s = 5.9 cm
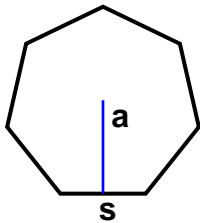
a = 7.1219 cm

Area: 168.08 sq cm

Perimeter: 47.2 cm

Type: Octagon

4)

s = 3.2 yds
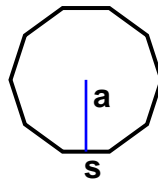
a = 3.3224 yds

Area: 37.21 sq yds

Perimeter: 22.4 yds

Type: Heptagon

5)

s = 2.5 cm
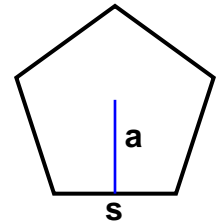
a = 3.8471 cm

Area: 48.09 sq cm

Perimeter: 25 cm

Type: Decagon

6)

s = 7.4 yds

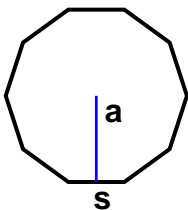a = 5.0926 yds

Area: 94.21 sq yds

Perimeter: 37 yds

Type: Pentagon

7)

s = 3 inches

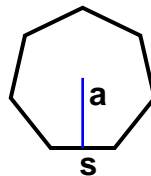a = 4.6165 inches

Area: 69.25 sq inches

Perimeter: 30 inches

Type: Decagon

8)

s = 2.4 ft
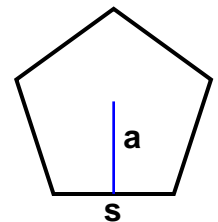
a = 2.4918 ft

Area: 20.93 sq ft

Perimeter: 16.8 ft

Type: Heptagon

9)

s = 7.3 mm

a = 5.0238 mm

Area: 91.68 sq mm

Perimeter: 36.5 mm

Type: Pentagon

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