

## Halloween #1C

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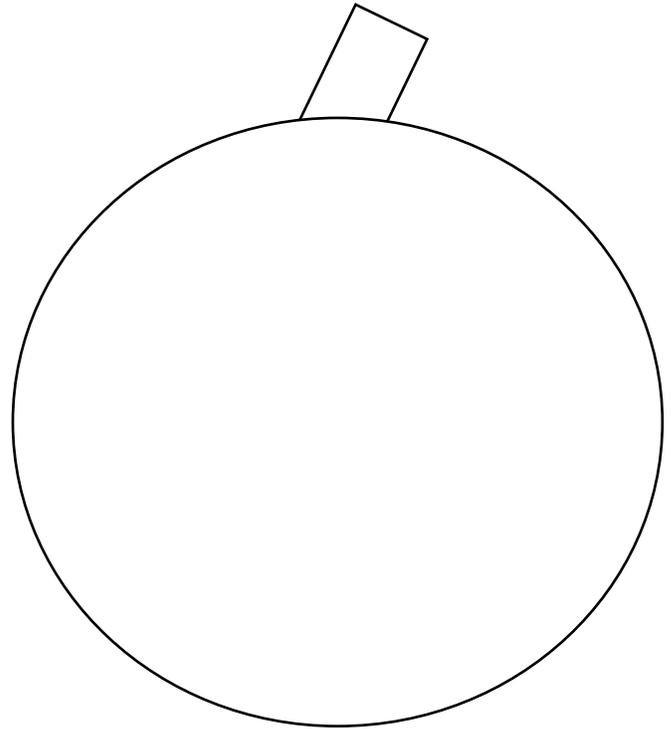
Mrs. Clarke's class is cutting pumpkin shapes out of construction paper. Each pumpkin has an orange circle body and a green rectangle stem.

1. Each green stem is 1 inch wide and 5 inches long.  
What is the area of each stem?

\_\_\_\_\_ square inches

2. The circle body has a radius of 5 inches.  
What is the area of the circle? (Use 3.14 for pi.)

\_\_\_\_\_ square inches



3. What percent of each pumpkin is green construction paper? What percent is orange? Be sure to explain your answer.

Make your own Halloween pumpkin! Decorate a construction paper pumpkin of your own, or color and decorate the pumpkin above.

**Halloween #1C      Answer Key**

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Mrs. Clarke's class is cutting pumpkin shapes out of construction paper. Each pumpkin has an orange circle body and a green rectangle stem.

1. Each green stem is 1 inch wide and 5 inches long.  
What is the area of each stem?

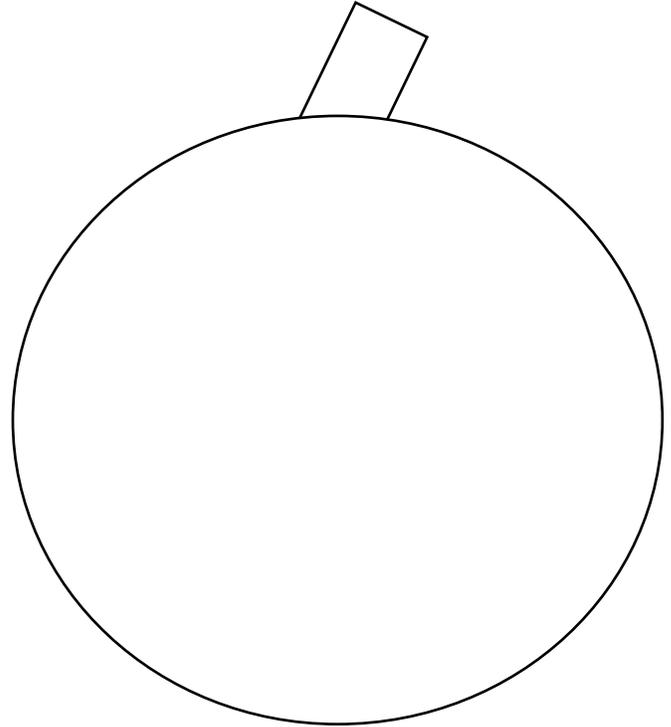
$$1 \times 5 = 5 \text{ square inches}$$

\_\_\_\_\_ square inches

2. The circle body has a radius of 5 inches.  
What is the area of the circle? (Use 3.14 for pi.)

$$5 \times 5 \times 3.14 = 78.5 \text{ square inches}$$

\_\_\_\_\_ square inches



3. What percent of each pumpkin is green construction paper? What percent is orange? Be sure to explain your answer. (Round your answers to the nearest tenth.)

$$\text{Total area: } 5 + 78.5 = 83.5 \text{ square inches}$$

$$\text{Green: } 5/83.5 = 0.0598 = 6\%$$

$$\text{Orange: } 78.5/83.5 = 0.9401 = 94\%$$

Make your own Halloween pumpkin! Decorate a construction paper pumpkin of your own, or color and decorate the pumpkin above.