

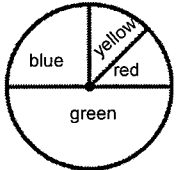
**Which statement is true?**

a.  $\frac{1}{8} < -\frac{3}{8}$       c.  $0.49 < \frac{3}{7}$

b.  $1.5^2 = 2.25$       d.  $2\frac{1}{8} > \frac{19}{8}$

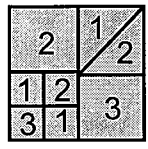
*-Grades are Updated-*

**Clue:** Out of 200 spins, you are likely to spin this color 50 times. Based on the spinner below, which color is described in this clue?



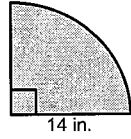
a) blue  
b) yellow  
c) red  
d) green

**Carl randomly throws a stone onto the board. What is the probability the stone lands on a space marked 2?**




a. 1/8  
b. 7/16  
c. 1/4  
d. 5/16

**What is the area of the sector?**  
Use the formula:  $A = \pi r^2$



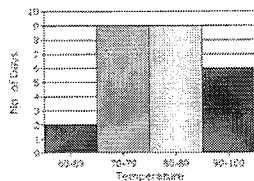
a. 153.86 in<sup>2</sup>  
b. 21.98 in<sup>2</sup>  
c. 28 in<sup>2</sup>  
d. 615.44 in<sup>2</sup>

**Find the volume of the rectangular prism if: the width is 1.5 in, the length is 2 in, the height is 8 in.**



$V = lwh$

**How many days was it 70° or hotter?**  
Average Daily Temperatures



a. 24  
b. 9  
c. 15  
d. 6


**Which statement is true?**

a)  $\frac{8}{3} < 2.18 < 2\frac{3}{20}$

b)  $-0.15 > -0.8 > -\frac{5}{6}$

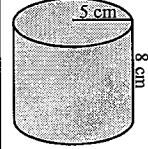
c)  $0.62 > \frac{2}{3} > 0.\bar{7}$

**If the volume of the rectangular prism is 4928 mm<sup>3</sup>, the length is 14 mm, and the height is 32 mm. Find the width of the prism.**



$V = lwh$

**Find the surface area and volume of the cylinder.**



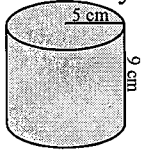
**Simplify:**  
 $(-3)^2 + 2(n+1)$

The volume of a cylinder is  $863.5 \text{ cm}^3$ . If the height is 11 cm, find the radius.  
a) 2 cm                      c) 5 cm  
b) 4 cm                      d) 6 cm

A cylinder's radius is 4 in and its height is 3 in. What is its surface area?  
a)  $175.84 \text{ in}^2$       c)  $75.36 \text{ in}^2$   
b)  $100.48 \text{ in}^2$       d)  $150.72 \text{ in}^2$

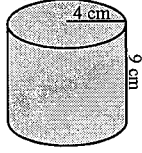
Chris is building a square sandbox with sides 5 feet long. He wants to put sand 0.7 feet deep in the box. How many cubic feet of sand should he order?

Find the volume of half of the cylinder below.



a)  $45 \text{ cm}^3$   
b)  $706.5 \text{ cm}^3$   
c)  $141.3 \text{ cm}^3$   
d)  $353.25 \text{ cm}^3$

-Grades are Updated  
Draw a net for the cylinder and label the dimensions.



Find the volume and surface area of the cylinder.

