



DEPARTMENT OF EDUCATION

*Leading the Drive to Top 5!*

# **PAWS Mathematics Grade 7**

## **Released Items With Data**

### **2014**

**00** The staff at a car dealership sold 56 cars in March. If the total sales in April increase by at least 20%, the staff will earn a bonus. What is the minimum number of cars the staff will need to sell in April to earn the bonus?

- A) 68
- B) 67
- C) 12
- D) 11

**00** Kylie earns the same amount of money each week.

- She saves  $\frac{1}{15}$  of her earnings each week.
- She saved \$330 over an 11-week period.

**What is the amount of money Kylie earns each week?**

- A) \$30
- B) \$45
- C) \$242
- D) \$450

**00** What is the value of the expression shown?

$$\left[ (-5) \left( -\frac{3}{10} \right) \right] - [ (-4)(0.18) ]$$

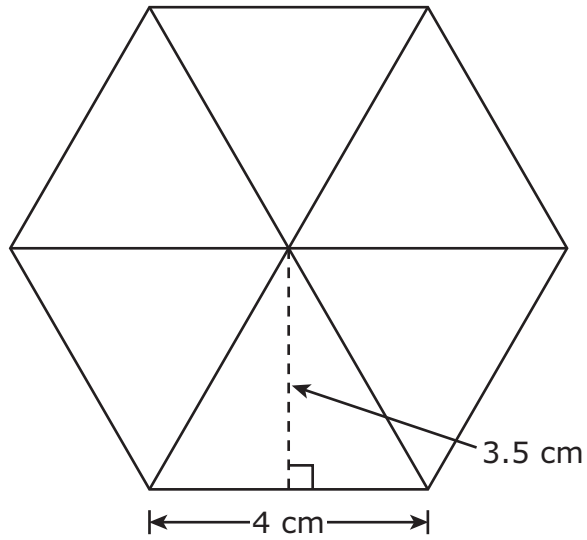
- A) -2.22
- B) -0.78
- C) 0.78
- D) 2.22

**00** A square picture frame will be centered on a square wall. The width of the frame is  $18\frac{3}{4}$  inches and the width of the wall is  $57\frac{1}{2}$  inches.

**Which measure is closest to the minimum distance between an edge of the frame and an edge of the wall?**

- A) 39 in.
- B) 29 in.
- C) 19 in.
- D) 10 in.

- 00** The height of a triangle in a regular hexagon is approximately 3.5 centimeters as shown.



**Which is closest to the area of this hexagon?**

- A)  $14 \text{ cm}^2$
- B)  $24 \text{ cm}^2$
- C)  $42 \text{ cm}^2$
- D)  $84 \text{ cm}^2$

- 00** Abby has a box of 100 identically shaped, colored markers as described in the table shown.

**Colored Markers in Box**

<b>Color of Marker</b>	<b>Number of Markers</b>
Red	20
Blue	18
Green	25
Yellow	15
Purple	22

**Abby will select one marker from the box without looking. Which best describes the likelihood that Abby will select a green marker?**

- A) It is likely.
- B) It is certain.
- C) It is unlikely.
- D) It is neither likely nor unlikely.