

# MATH MADNESS # 50

1. Which value is **closest** to  $87 \times 3$ ?

a. 240  
**b. 270**  
 c. 360  
 d. 450





5. The chart below shows the cost of gumballs in a gumball machine.  
 Which pair of expressions shows two different ways that could be used to find the cost of 4 gumballs?  
**a.  $4 \times 25$  and  $75 + 25$**   
 b.  $4 \times 75$  and  $75 + 225$   
 c.  $2 \times 75$  and  $75 + 75$   
 d.  $3 \times 25$  and  $70 + 5$

Number of gumballs	Cost (cents)
1	25
2	50
3	75

2. Add:  $\frac{7}{10} + \frac{17}{100}$

a.  $\frac{24}{100}$   
**b.  $\frac{87}{100}$**   
 c.  $\frac{24}{1000}$   
 d.  $\frac{87}{1000}$

6. Which shape has both a line of symmetry and an acute angle?


a.  c.   
 b.  d. 

3. In a bag of 24 candies,  $\frac{1}{4}$  of the pieces are grape flavored. How many grape flavored candies are in the bag?

a. 4  
**b. 6**  
 c. 8  
 d. 12

7. When Alexis was born she weighed  $7\frac{1}{2}$  pounds. Which of the following shows an equivalent weight?

a. 112 ounces  
**b. 120 ounces**  
 c. 128 ounces  
 d. 130 ounces



Helpful Hint: 1 pound = 16 ounces

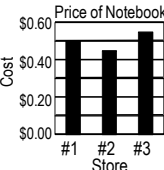
4. Ted, Ed, and Fred are on the same basketball team. During the last basketball game, Ted scored 5 more points than Ed. Fred scored 3 times as many points as Ed. Ed scored 16 points. How many total points did these players score?

a. 24  
 b. 48  
 c. 75  
**d. 85**

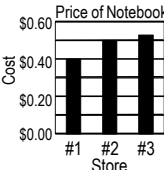
8. This chart shows the price of the same notebook at 3 different stores. Which graphs show this information correctly?

Store	Price
#1	\$0.45
#2	\$0.50
#3	\$0.53

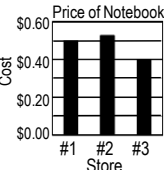
a.



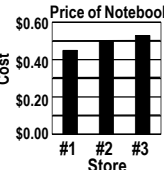
b.



c.



d.



## 9 & 10 (2 points) Short Answer / Extended Response

Supplies are being ordered for 7 coffee shops.

a) Exactly 1,225 cups were ordered. If the cups are distributed so that each coffee shop receives the same number of cups, how many cups will each shop receive?

Each shop will receive 175 cups.

b) A case of sugar packets are being ordered for each of the 7 coffee shops. Each case contains 1,750 sugar packets. How many sugar packets were ordered in all?

12,250 sugar packets were ordered in all.