Math Madness #50

1. Look at this number sentence.

25 = ☐ – (2 × 5)

Which could you do to find the missing number?

a. subtract 10 from 25
b. multiply 2 and 5 and then then divide the product by 25
c. multiply 2 and 5 and then add 25
d. multiply 2 and 5 and then subtract 25

2. Which place value shows that 15,472 is more than 15,469?

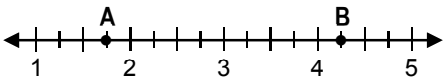
a. thousands place
b. hundreds place
c. tens place
d. ones place

3. Henry is working on a group project with 3 other students. He bought a pack of 50 index cards to share equally with each member of his group. How many index cards will each student receive, and how many index cards will be left over?

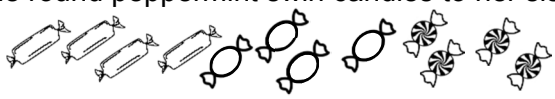
a. 16 index cards with 10 left over
b. 16 index cards with 2 left over
c. 12 index cards with 10 left over
d. 12 index cards with 2 left over

4. What is the distance between point *A* and *B* on the number line below?

a. $2\frac{1}{2}$
b. $2\frac{1}{4}$
c. $1\frac{3}{4}$
d. $1\frac{1}{2}$



5. Carmella bought these candies and then gave all the round peppermint swirl candies to her sister.



What fraction of her candies did she give to her sister?

a. $\frac{1}{3}$
b. $\frac{1}{4}$
c. $\frac{1}{6}$
d. $\frac{1}{12}$

6. Nick's mother asked him to pour 2 liters of water into the fish tank. The cup he will use holds 250 milliliters. How many times will Nick need to fill up his cup to complete this task?

a. 4
b. 8
c. 12
d. 16

Helpful Hint: 1L = 1,000 mL

7. This pictograph shows the sales at a pumpkin patch.

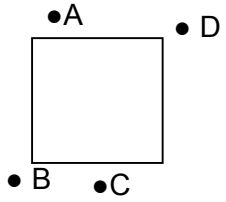
How many pumpkins were sold in all?

a. 200
b. 250
c. 275
d. 300

Pumpkin Sales	
Friday	🎃🎃🎃
Saturday	🎃🎃🎃🎃
Sunday	🎃🎃🎃🎃🎃
Each 🎃 represents 25 pumpkins sold	

8. Which two points could be connected to create a line of symmetry?

a. Points A and B
b. Points C and D
c. Points B and D
d. Points A and C



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

Create a pattern that starts at 2 and multiplies each number by 4. Stop when you have 5 numbers. Do you notice anything special about this pattern? Explain your thinking.

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