

Name: _____

Date: _____

1. Which number has the greatest value?

- A. 5,962
 - B. 5,692
 - C. 5,629
 - D. 5,926
-

2.

Use the pattern below to answer this question.

2, 4, 8, 16, . . .

Which statement tells how to find the next number in the pattern?

- A. Add 2 to the number before it.
 - B. Double the number before it.
 - C. Add 8 to the number before it.
 - D. Multiply the number before it by 4.
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3. A few of the students are selling lemonade at the basketball game. Mr. Ying buys five cups of lemonade. How much does he pay for all five cups?

What information do you need to solve the problem?

- A. Three girls sell lemonade.
 - B. The paper cups cost 2¢ each.
 - C. Each box holds 8 paper cups.
 - D. Lemonade costs 25¢ a cup.
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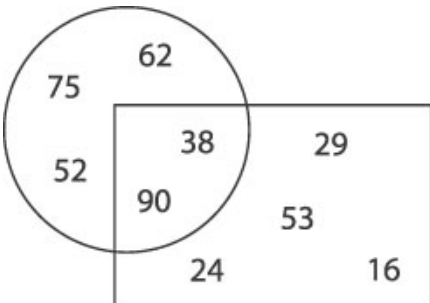
4. Danny and Julie have new sticker books. Danny will put 4 stickers in his book every day and Julie will put 6 stickers in her book every day. How many stickers will Danny have when Julie has 30 in her book?

(Hint: To find the answer, use this table.)

DAY	DANNY	JULIE
1	4	6
2	8	12
3	_____	_____
4	_____	_____
5	_____	_____
6	_____	_____

- A. 20
 - B. 24
 - C. 30
 - D. 36
-

5. Use the figures below to answer this question.



Which is the greatest even number that is inside the rectangle but not inside the circle?

- A. 24
 - B. 53
 - C. 62
 - D. 90
-

6. Donald is thinking of a number between 87 and 100. The number is not 87, 89, 92, 97, 98, or 100. How many numbers are left to guess?

- A. 6
 - B. 7
 - C. 8
 - D. 10
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7. Ms. Calvin is playing a "Guess My Rule" game with her students. When a student says a number, she says another number which she finds by using her rule.

Student's Numbers	Ms. Calvin's Responses
16	9
10	3
13	6
9	2

What is Ms. Calvin's rule?

- A. add 7
 - B. subtract 7
 - C. add 8
 - D. subtract 8
-

8.

Use the number pattern below to answer this question.

3, 7, 11, 15, 19,

What number comes next?

- A. 20
 - B. 21
 - C. 22
 - D. 23
-

9. Use the number pattern below to answer this question.

, 24, 23, 22

Which number belongs in the box?

- A. 20
 - B. 21
 - C. 25
 - D. 26
-

10. Which number belongs in the box?

Rule = Add 8	
Input	Output
2	10
5	13
<input type="text"/>	16
11	19
14	22

- A. 6
- B. 7
- C. 8
- D. 9

Answer Key

1. A) 5,962
2. B) Double the number before it.
3. D) Lemonade costs 25 a cup.
4. A) 20
5. A) 24
6. C) 8
7. B) subtract 7
8. D) 23
9. C) 25
10. C) 8