

5th Grade Block 5 Assessment

Name _____

1. Which list contains all **prime numbers**?

- A. 11, 20, 29
- B. 2, 11, 30
- C. 5, 11, 29
- D. 2, 27, 29

2. Which list contains only **composite numbers**?

- A. 4, 15, 22
- B. 4, 13, 18
- C. 7, 13, 29
- D. 7, 15, 18

3. Which set of numbers has 3 as a factor?

- A. 13, 15, 18
- B. 24, 33, 81
- C. 2, 11, 29
- D. 2, 27, 29

4. Which of the following is the **prime factorization** of 36?

- A. $2 \times 2 \times 9$
- B. 4×9
- C. 6×6
- D. $2 \times 2 \times 3 \times 3$

5. Which pair of numbers has a **greatest common factor** of 1?

- A. 12, 15
- B. 2, 56
- C. 5, 14
- D. 4, 22

6. What is the **least common multiple** for 6 and 4?

- A. 12
- B. 6
- C. 8
- D. 24

7. What is the **least common multiple** for 5 and 4?

- A. 10
- B. 20
- C. 30
- D. 40

8. Max bought two t-shirts that cost \$7.50 each and a ball cap that cost \$10. Which expression shows how much money he spent?

- A. $(\$7.50 - 2) \times \10
- B. $(\$7.50 + \$10) \times 2$
- C. $\$10 + (2 \times \$7.50)$
- D. $\$7.50 + \10

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9. Which pair of numbers are divisible by 6?

- A. 30, 86
- B. 42, 94
- C. 36, 90
- D. 60, 106

10. Which number is divisible by 9?

- A. 256
- B. 225
- C. 262
- D. 245

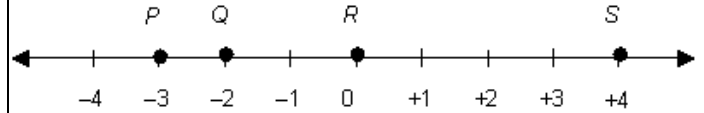
11. What environmental situation could NOT be described using integers?

- A. football scores
- B. temperature
- C. money owed
- D. measurement below sea level

12. The outside temperature dropped 7 degrees over the past several hours. What integer represents this change in temperature?

- A. 7
- B. 0
- C. -7
- D. -14

13. Which integer is shown by point Q on the number line?



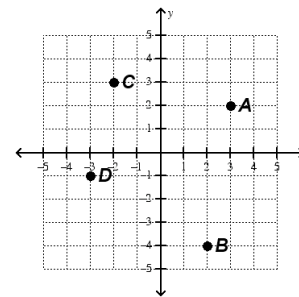
- A. -3
- B. -2
- C. 0
- D. 4

14. Where is -4 on this number line?



- A. A
- B. B
- C. C
- D. D

15. Which point is located at $(-2, 3)$?

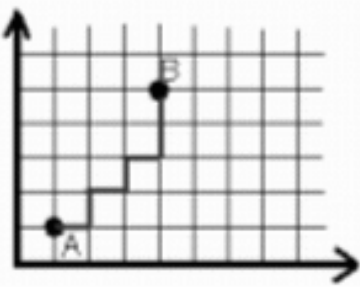


- A. point A
- B. point B
- C. point C
- D. point D

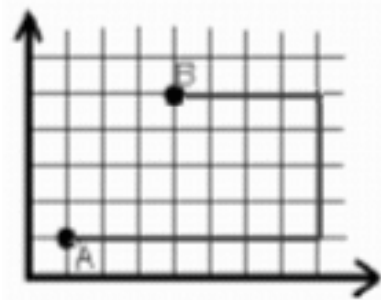
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16. What grid shows the **longest** distance between A and B?

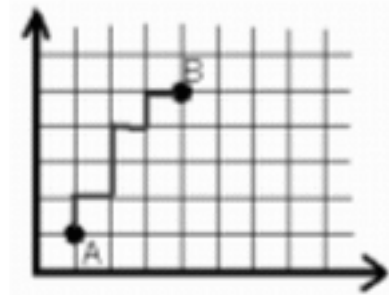
A.



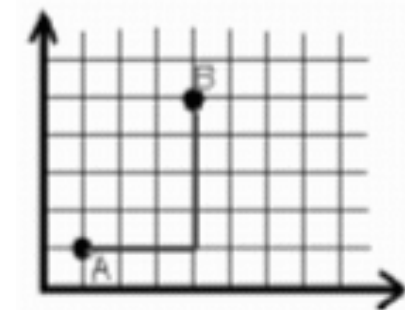
B.



C.

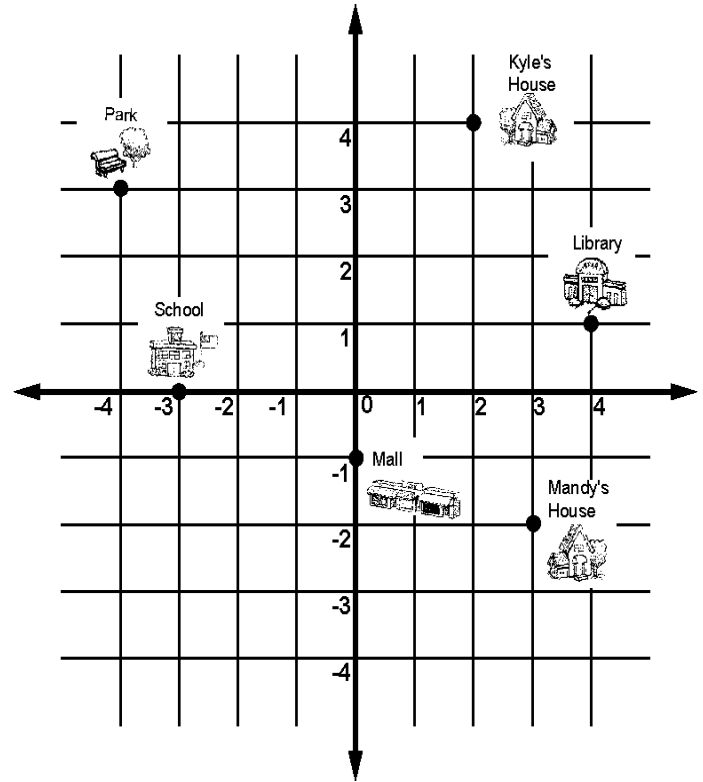


D.



- A. grid A
- B. grid B
- C. grid C
- D. grid D

17. Kyle created the following map of his neighborhood. What are the coordinates of the park?



- A. $(-3, 4)$
- B. $(-4, 3)$
- C. $(3, -4)$
- D. $(4, -3)$

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	Answers	Core Correlation
1	C	1.3.b
2	A	1.3.b
3	B	1.3.d
4	D	1.3.c
5	C	1.3.d
6	A	1.3.d
7	B	1.3.d
8	C	2.2.a
9	C	1.3.a
10	B	1.3.a
11	A	1.1.e
12	C	1.1.e
13	B	1.1.c
14	C	1.1.c
15	C	3.2.a
16	B	3.2.c
17	B	3.2.b