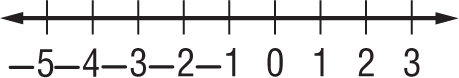
**Ch 5 Integers review sheet Test Date:\_\_\_\_**

**Write the letter for the correct answer in the blank at the right of each question.**

**1**. Which of the following statements is true?

**A**. 4 < −8 **B**. −1 < −4 **C**. −9 > 0 **D**. −2 > −7

**2**. Which set of integers is graphed on the number line?



**F**. {1, −1, −5} **G**. {−5, −3, 0} **H**. {3, −5, 0} **I**. {−1, −5, −3}

**3**. Which expression has the greatest value?

**A**. − ⎪−13⎥ **B**.⎪−1⎥ **C**. −⎪−22⎥ **D**.⎪20⎥

**4**. What is the value of the expression ⎪−31⎥ +⎪ −9⎥?

**F**. −40 **G**. −22 **H**. 29 **I**. 40

**5**. Which integer best represents a deposit of $37?

**A**. 37 **B**. −37 **C**. −⎪37⎥ **D**. −⎪−37⎥

**6**. Write − as a decimal.

**F**. − 0. **G**. − 0.2 **H**. − 0.22 **I**. – 2.2

**7**. Order – 2.96, 2, −2, and 2. from least to greatest.

**A.** – 2.96, 2., −2, 2 **C.** – 2.96, −2, 2, 2.

**B.** 2., – 2.96, −2, 2 **D.** – 2.96 2, −2, 2.

**8**. What is the opposite of 89?

**F**. −89 **G**. 89 **H**. 0 **I**. 98

**9**. Which integer represents a decrease of five degrees?

**A**. +7 **B**. +5 **C**. −5 **D**. −7

**10**. Which situation is *not* best described by a negative integer?

**F**. a height of 75 yards **H**. a loss of 9 pounds

**G**. a decrease of 4 points **I**. 3 degrees below zero

**11**. Which of the following correctly identifies the quadrant where the point named by (2, 2) is located?

**A**. Quadrant I **C**. Quadrant III

**B**. Quadrant II **D**. Quadrant IV

**1. \_\_\_\_\_\_\_\_\_\_\_\_**

**2. \_\_\_\_\_\_\_\_\_\_\_\_**

**3. \_\_\_\_\_\_\_\_\_\_\_\_**

**4. \_\_\_\_\_\_\_\_\_\_\_\_**

**5. \_\_\_\_\_\_\_\_\_\_\_\_**

**6. \_\_\_\_\_\_\_\_\_\_\_\_**

**7. \_\_\_\_\_\_\_\_\_\_\_\_**

**8. \_\_\_\_\_\_\_\_\_\_\_\_**

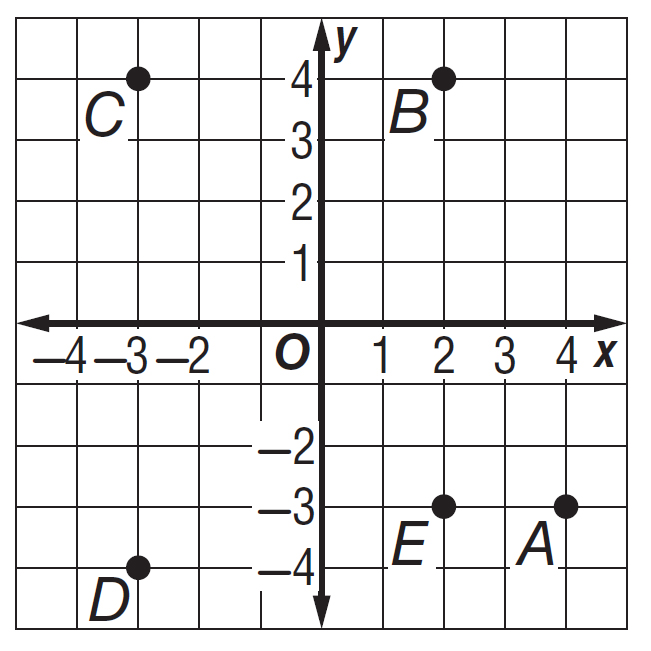
**9. \_\_\_\_\_\_\_\_\_\_\_\_**

**10. \_\_\_\_\_\_\_\_\_\_\_**

**11. \_\_\_\_\_\_\_\_\_\_\_**

**For Exercises 12 and 13, use the coordinate plane below.**

**12**. Which of the following correctly identifies the point for the ordered pair (4, –3)?



**F**. point *A* **H**. point *C*

**G**. point *B* **I**. point *D*

**13**. Which of the following ordered pairs correctly names point *D*?

**A**. (–3, 4) **C**. (–3, –4)

**B**. (3, –4) **D**. (3, 4)

**14**. Which of the following correctly identifies the quadrant where the point named by (–3, 7) is located?

**F**. Quadrant I **H**. Quadrant III

**G**. Quadrant II **I**. Quadrant IV

**Graph each point on a coordinate plane.**

**15**. *M*(0, 3)

**16**. *R*(–3, 3)

**17**. *S*(–2, –4)

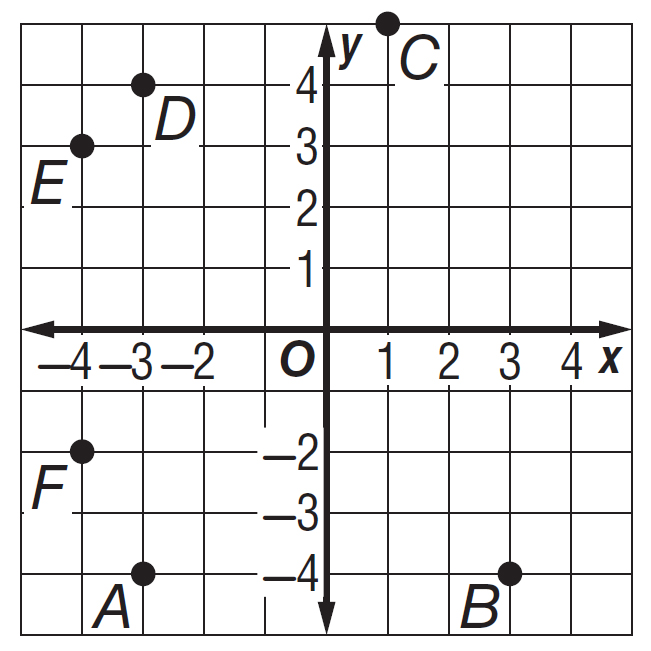
**18**. *T*(4, –1)

**Replace each with** <**,** >**, or** = **to make a true sentence.**

**19**. 0 –1

**20**. –7 –9

**For Exercises 21-24, use the coordinate plane below.**



**21**. Identify the point for the ordered pair (–4, 3).

**22**. Write the ordered pair that names point *A*.

**23**. Write the ordered pair that names point *D*.

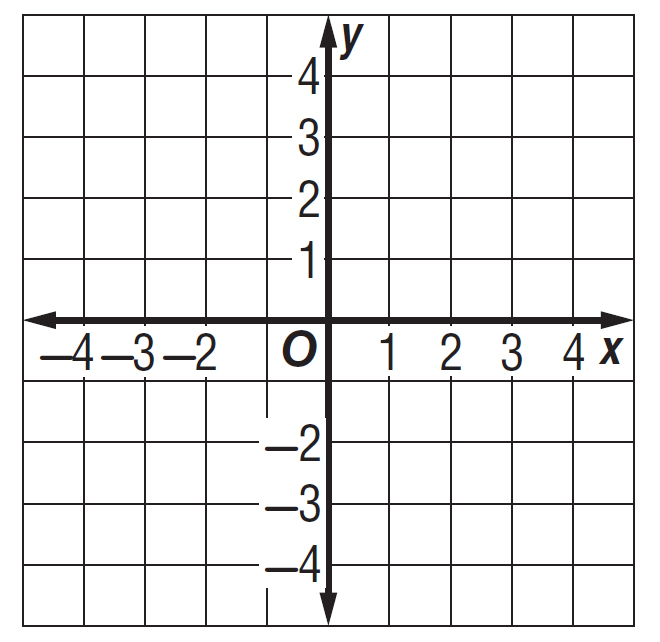
**24**. Write the ordered pair that represents the reflection of point *D* across the *y*-axis.

**12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**15-18.**



**19. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

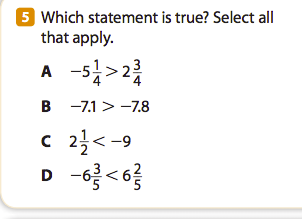
**20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**22. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**23. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**24. \_\_\_\_\_\_\_\_\_\_\_\_\_\_**



Explain your choice for the work above:

What is an integer?

What is a rational number?

