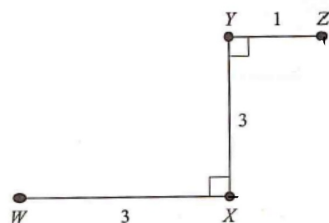


1. In the figure below, all distances are in feet and all angles are right angles. A straight line drawn from point W to point Z would be how long, in feet?

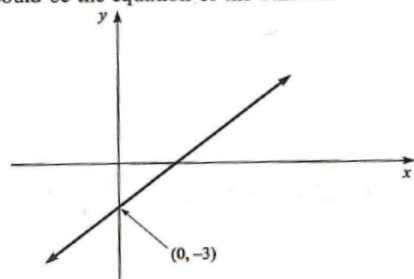


- A. 1.5
B. 2
C. 4.66
D. 5
E. 7.23

2. If $6a^4b^3 < 0$, then which of the following CANNOT be true?

- A. $b < 0$
B. $b > 0$
C. $a = b$
D. $a < 0$
E. $a > 0$

3. If a system of 2 linear equations in 2 variables has NO solution, and 1 of the equations is graphed in the (x, y) coordinate plane below, which of the following could be the equation of the other line?



- A. $y = -2$
B. $y = -4x + 2$
C. $y = -2x - 3$
D. $y = 4x + 2$
E. $y = 4x - 3$

4. If the first day of the year is a Monday, what is the 260th day?

- A. Monday
B. Tuesday
C. Wednesday
D. Thursday
E. Friday

