Commonly Missed Q's

Units 1, 2, and 3

Find each missing value below.

a) $12.4 + x = 0$

b) $9 + x + (-3) = 0$

c) $-18 + 35 + x - 54 = 0$

d) $0.8 + {}^{3}/_{5} - {}^{7}/_{10} - (-0.5) + x = 0$

Find the distance between the following numbers.
(Hint: $|x - y|$)

a) -2 and -4

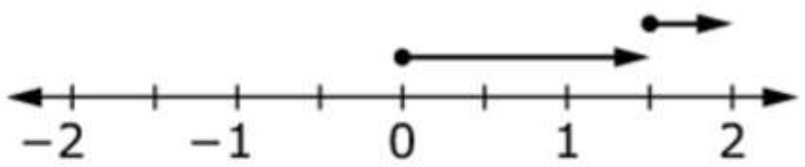
b) -8 and 3

c) 14 and 87

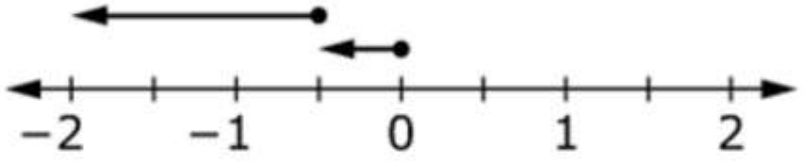
d) -29 and 45

Which number line model represents the sum of $-\frac{1}{2} + (-\frac{3}{2})$?

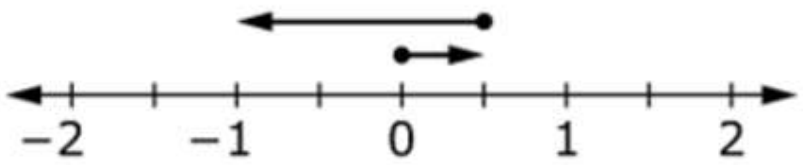
A



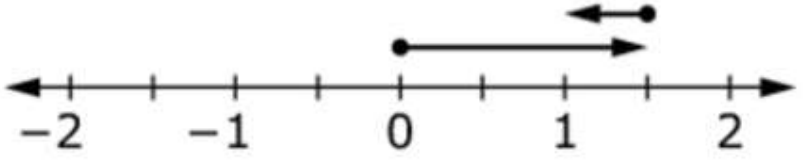
B



C



D



If $x(x)(x)(x)(y) = z$, and $z > 0$, what must be true about y?

A) $y > 0$

B) $y < 0$

C) $y = 0$

D) $y = -1$

If $\frac{a}{1} \times \frac{1}{b} = 1$, which statement(s) must be true?

A) a = b

B) a > b

C) b > a

D) a ≠ 0

1) $5 + (-20) \div 4 - 10$

2) $\frac{12 + (-3) \cdot 5}{-(18-24)}$

3) $-7 \cdot 4 + (-16) \div (10 - 2) + 3^2$

4) $(-2)^3 + \frac{36-6}{4-14}$

$\frac{1}{5}(5x + 20) - \frac{3}{4}(8x - 12)$

What is the value of the expression below when n = 24 and p = -3?

$$\frac{n}{3} - 1 + 5p - 2n + p^2$$

A rectangle has a width of 7 units. The area of the rectangle is 28x + 42 square units. What is the length of the rectangle?