Math Warm Up 2 C2 (Demo Version)

Read each question carefully.

1) If 8 + x is located to the right of 8 on the number line, what does that say about x?

    A) x is negative.

    B) x is positive.

    C) x is zero.

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2) If -2 + p is located to the left of -2 on the number line, what does that say about p?
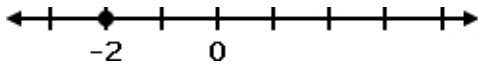
    A) p is negative.

    B) p is positive.

    C) p is zero.
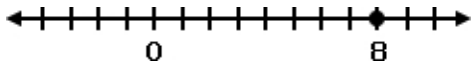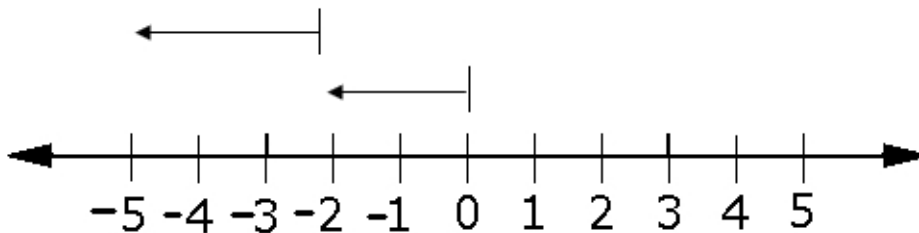
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AZ-7.NS.A.1b Understand p + q as the number located a distance |q| from p, in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts. [From cluster: Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers]

3) Which of the following number sentences is represented on the number line shown below?

A) 2 + 3 = 5

B) 2 + (-3) = -1

C) -2 + (-3) = -5

D) 3 + (-2) = 1

AZ-7.NS.A.1b Understand p + q as the number located a distance |q| from p, in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts. [From cluster: Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers]
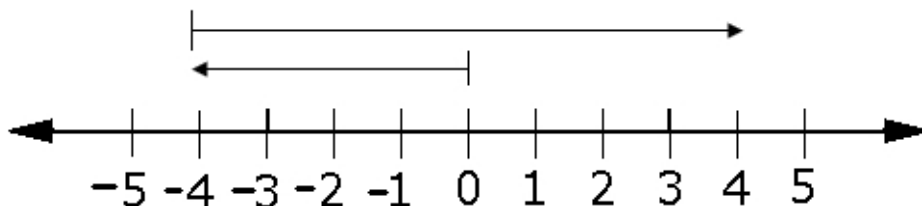
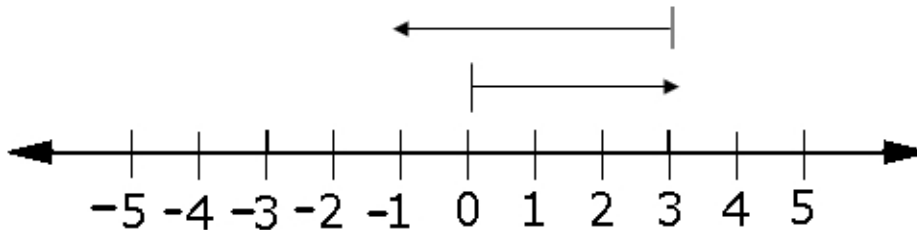4) Which of the following number sentences is represented on the number line shown below?

A) 4 + (- 4) = 0

B) 4 + (- 8) = -4

C) 8 + 4 = 12

D) -4 + 8 = 4

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5) Which of the following number sentences is represented on the number line shown below?

A) $3 + (-4) = -1$

B) $4 + (-1) = 3$

C) $4 + 3 = 7$

D) $1 + 3 = 4$