

THE **Big Ten** Standards

Day 1

Day 2

Day 3

Day 4

Day 5

Oct 19-10:10 AM

THE **Big Ten** Standards Day 1

Select all of the equations that have $x = 8$ as a solution.

$3 \cdot x = 24$ $0 = x + 8$ $x - 16 = 24$

$21 + x = 28$ $64 = 8 \cdot x$ $x - 5 = 3$

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Find the LCM of 3 and 9.

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THE **Big Ten** Standards Day 2

Select all the sets of numbers that are possible values for x in the inequality, $x > -0.34$

$(-0.5, -0.4, -0.3)$ $(-3.4, -2, -1.68)$

$(-0.1, 0, 0.1)$ $(0.5, 2.64, 5)$

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$99 + 72 = 9(11 + \square)$

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THE **Big Ten** Standards Day 3

Select all of the expressions that equal a correct method to calculate 72% of 500.

$72 \cdot 500$ 0.72×500

$\frac{72}{100} \cdot 500$ $\frac{0.72}{100} \cdot 500$

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Jared baked 2 apple pies. He cuts the two pies into pieces. Each piece is $\frac{1}{8}$ of a pie. Enter the number of pieces of pie Jared cuts.

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THE Big Ten Day 4
Standards

Select all of the expressions that are equivalent to $c + c + 4 + c + c$

$$4c^4 \quad 4 + c^4 \quad 4 + 4c$$

$$4(1+c) \quad 4(c+1) \quad 4c + 4$$

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Select all of the equations that have $x = 7$ as a solution.

$$x \cdot 3 = 28 \quad 8 \cdot x = 56 \quad \frac{x}{56} = 8$$

$$x + 4 = 11 \quad 3 + x = 12 \quad x - 5 = 2$$

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THE Big Ten Day 5
Standards

Select all the ordered pairs that are located in the third quadrant.

$$(-8, -11) \quad (-11, 13) \quad (5, -3) \quad (-3, -9)$$

$$(0, -6) \quad (-6, 0) \quad (-10, -12) \quad (0, 0)$$

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Consider the statements shown. Select True or False for each statement.

T or F On a number line, $|5.4|$ and -5.4 are the same point.

T or F The distance from -85.4 to 0 is the same distance from 85.4 to 0 on a number line.

T or F The distance between -0.15 and 0 on a number line is $| -0.15 |$ units.

T or F On a number line $| -5.4 |$ and 5.4 are the same distance from zero

Oct 19-10:28 AM