Warm-Up November 7th: Name:

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| 1) Jelin created a sequence with the common ratio of $3$. If his sequence included the number$ 1,215$. Which number below did Jelin start his sequence with?A) $4$B) $5$C) $6$D) $7$ | 2) Translate the following phrase:🡪 “eighteen less a number is equal to twelve”🡪 “eight increased by the product of a number and three”🡪 “six less than the quotient of ten and a number is nine” |
| 3) Which property is illustrated by the following number sentences:🡪 $-2+\left(4\*3\right)=\left(4\*3\right)+\left(-2\right)$🡪 $-8+8-4=0-4$🡪 $4+6-6\*\frac{1}{6}=4+6-1$🡪 $8+0-3=8-3$Word Bank: Commutative, Associative, Distributive, + identity, x identity, + inverse, x inverse, and multiplicative property of zero. | 4) Evaluate:$$-6\left(-3-5\right)-(-6)^{2}$$ |

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