Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: 1st, 3rd, or 4th Week of: November 11th – 15th, 2013

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| Monday Nov. 11th | Tuesday Nov. 12th | Wednesday Nov. 13th | Thursday Nov. 14th | Friday Nov. 15th  |
| Determine if the sequence is arithmetic or geometric and find the common difference or common ratio.$$-15, -10, -5, 0, 5, …$$ | If Brandon is going to create a sequence with a common difference of 3. He wants the sequence to include the number 29. Which number could he begin his sequence with?A) 3B) 4C) 5D) 32 | Determine if the sequence is arithmetic or geometric and find the common difference or common ratio.$$40, 20, 10, 5, 2.5, …$$ | Which sequence follows the variable expression $\frac{1}{4}x$?A) $\frac{1}{4},\frac{2}{4},\frac{3}{4},1,\frac{5}{4},…$B) $2, 8, 32, 128, …$C) $128, 32, 8, 2, …$ | Which sequence has a common difference of $-4$?A) $1, -4, 16, -64, …$B) $-16, -12, -8, -4, …$C) $10, 6, 2, -2, …$ |
| Which property was applied from step 1 to step 2?Step 1: $5\left(2+x\right)+2+1$Step 2: $10+5x+2+1$Step 3: $5x+10+2+1$Step 4: $5x+12+1$Step 5: $5x+13$ | Which property was applied from step 1 to step 2?Step 1: $24+(10+16)$Step 2: $\left(24+10\right)+16$Step 3: $34+16$Step 4: $50$ | Which property was applied from step 3 to step 4?Step 1: $-1\left(1\*4\right)+4$Step 2: $-1\left(4\right)+4$Step 3: $-4+4$Step 4: $0$ | Which property was applied from step 2 to step 3?Step 1: $5\left(2+x\right)+2+1$Step 2: $10+5x+2+1$Step 3: $5x+10+2+1$Step 4: $5x+12+1$Step 5: $5x+13$ | Which property was applied from step 3 to step 4?Step 1: $2\left(8+2\right)\*1$Step 2: $2\left(10\right)\*1$Step 3: $20\*1$Step 4: $20$ |
| Order the following from least to greatest:$$\frac{7}{8} 7.8\% 7.8×10^{-1}$$ | Order the following from greatest to least:$$1.1 11\% 1.1×10^{3}$$ | Order the following from least to greatest:$$0.3 35\% \frac{1}{3} $$ | Order the following from greatest to least:$$\frac{3}{12} 0.12 3.12×10^{-1}$$ | Order the following from greatest to least:$$\frac{7}{10} 7×10^{-3} 7\%$$ |
| Evaluate $$\frac{-12-(-15)}{(-3)^{2}}$$ | Evaluate $$-8+5\left(-3+7\right)-6$$ | Evaluate$$\left|-6-8\right|÷\left|-1\*2\right|$$ | Evaluate$$-5+6\*\left(-3\right)-(-4÷2)$$ | Evaluate$$-4+3\left(-2+5\right)-10$$ |