CCM8 - Quarter 3 - Week 4

|  | Problem 1 | Problem 2 | Gridded Response |
| :---: | :---: | :---: | :---: |
| Monday | Determine if a triangle with side lengths 7.5 units, 10 units, and 12.5 units is a right triangle. | Find the value of $x$ ? |  |
| Tuesday | Solve for $x$. $-3(x+6)-5 x=-9 x-18+x$ | Gracie would like a water bottle that holds at least 450 cubic inches of water. She finds a cylindrical water bottle with a radius of 5 inches and a height of 6 inches. Will this hold enough water? | Problem 2 (How much does bottle hold) |
| Wednesday | Angle 1 and Angle 2 are a linear pair. If Angle 1 had has a measure of $5 x+1$ and Angle 2 has a measure of $x$ -1 , find the value of $x$. | Plot $-\sqrt{3}$ on the number line below. | Problem 1 |



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