

Three points are given. Determine which point is the solution to the system of linear equations.

| | |
|---|---|
| $\begin{cases} y = 2x - 3 \\ y = -x + 3 \end{cases}$ <p>(-2, 5) (2, 1) (4, 5)</p> | $\begin{cases} y = 3x + 3 \\ y = -x + 3 \end{cases}$ <p>(-1, 0) (6, -3) (0, 3)</p> |
| $\begin{cases} y = 2 \\ y = -4x - 6 \end{cases}$ <p>(7, 2) (2, -14) (-2, 2)</p> | $\begin{cases} y = 2x + 4 \\ x + y = -5 \end{cases}$ <p>(1, 6) (-3, -2) (-3, 2)</p> |

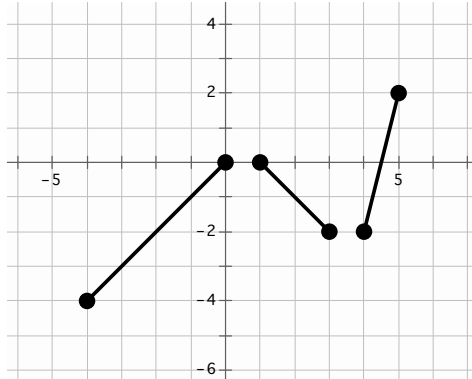
The table below shows a geometric sequence. Find the missing terms in the sequence.

5.

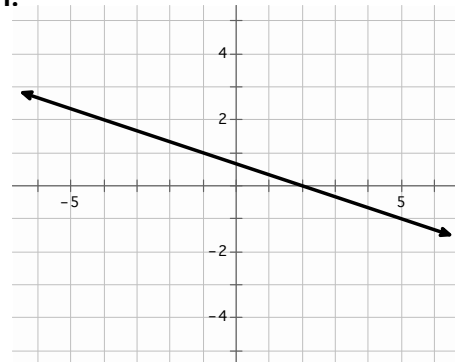
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|---|---|---|---|---|-----|
| x | 1 | 2 | 3 | 4 | 5 |
| y | 2 | | | | 162 |

For each graph state the domain and range of the function.

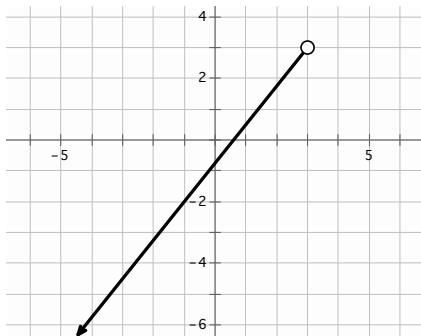
11.



12.



13.



14.

