**Choose Your Own Adventure 🡪 Graphs**

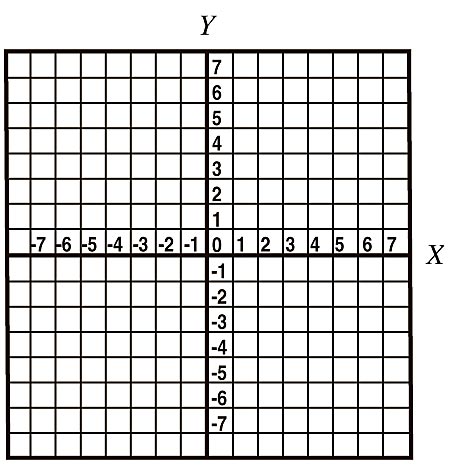
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| --- | --- | --- | --- |
| Concept 1: Coordinates and Design | | | |
| Beginning | Developing | Accomplished | Exemplary |
| Does not demonstrate a basic understanding of concept. Substantial errors throughout. | Basic understanding of concepts. Errors and inconsistency reveal some missing understanding of the concepts. | Solid understanding of concepts. Most answers are correct with only a few errors. | Complete and in depth understanding of concepts. |

1. What are the signs of the coordinates in quadrant III?
2. (+, +) b) (-. -) c) (+. -) d) (-, +)



1. Ivan plotted the following points on a coordinate grid: (1, 1), (2, 2), (3, 3), and (4, 4). (use the grid to plot the points if you’d like). These points lie on a line that goes through:
2. the origin.





1. the *x*-axis, but not the origin.
2. the *x*-axis at (1, 0) and the *y*-axis at (0, 1).

I

II

1. the *y*-axis, but not the origin



IV

III

1. Draw and label the axes of a coordinate grid by 2s. Plot the following points: A (-5, 2), B (-4, 0), C(-2, -1), D (0, -3), E (1, -4), F (3, -6)





**Choose Your Own Adventure 🡪 Number Operations**



|  |  |  |  |
| --- | --- | --- | --- |
| Concept 2 : Operations of Decimal Numbers | | | |
| Beginning | Developing | Accomplished | Exemplary |
| Does not demonstrate a basic understanding of concept. Substantial errors throughout. | Basic understanding of concepts. Errors and inconsistency reveal some missing understanding of the concepts. | Solid understanding of concepts. Most answers are correct with only a few errors. | Complete and in depth understanding of concepts. |

Can you do the following questions without a calculator? Try!

1. Calculate 4.85 + 0.5 – 3.2



1. What is the value of the following expression?

3.12 x 42 + 12 ÷1.5 x 2



1. Brady bought a ball of string. She found that she could cut it into either 5 or 9 equal pieces without a remainder. If she cuts it into 5 equal pieces, each piece is 3.69 m long. What is the length of each piece if she cuts the string into 9 equal pieces?

