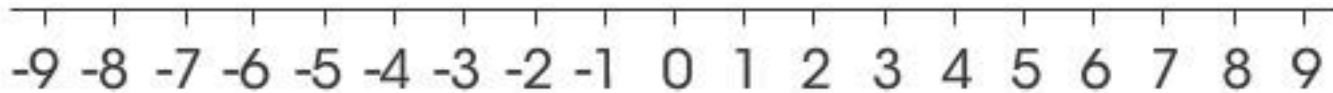ES

**Madison designed a life-sized number line in her school hallway. She gave four of her classmates a card with instructions on it and several cardboard circles to use as points. Using the number line below, graph the following by dragging the different colored circles to the appropriate spot.**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Ella

$4 > x > 0$

●

Levi

$x > 7$

●

Maria

$x + 4 = -2$

●

Evan

$-(-2) + x + 5 = 7$

●

-9 -8 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7 8 9

## Touch for Solution

Reset

ES

**WELL DONE!**

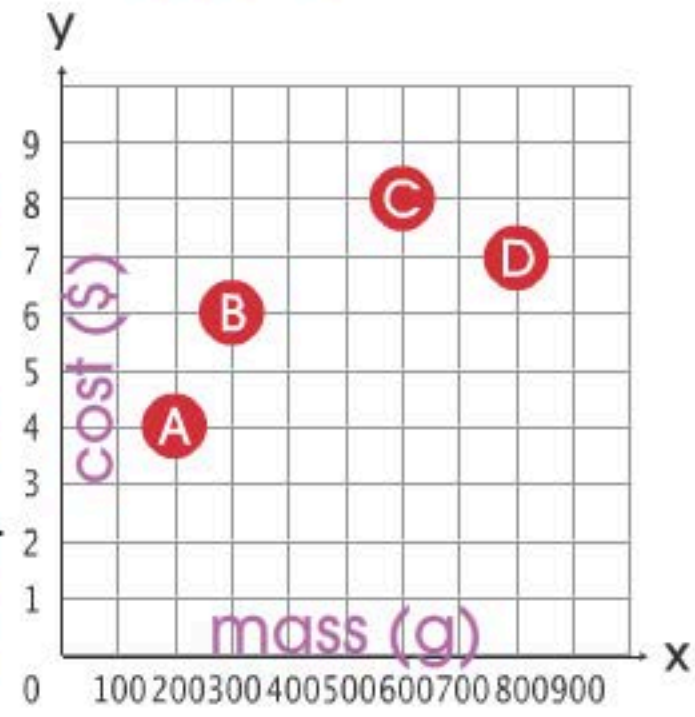The following graph shows the mass and cost of four different brands in the price group.

a) Which brand has the lowest cost? ✔A B C D

b) Which brand has the smallest mass? ✔A B C D

c) Which brand has the lowest cost per gram? A B C ✔D

a) Brand A = $4; Brand B = $6; Brand C = $8; Brand D = $7
b) Brand A = 200g; Brand B = 300g; Brand C = 600g; Brand D = 800g
c) Brand A = $0.02/g; Brand B = $0.02/g; Brand C = $0.0133/g; Brand D = $0.00875/g

Reset

ES

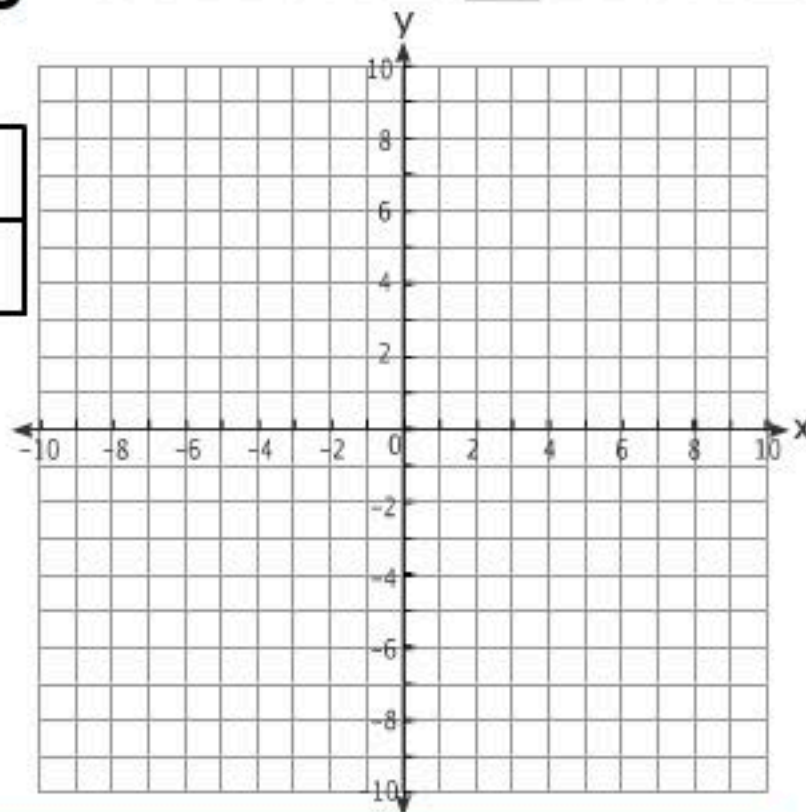**Complete the chart below using the equation $y = 2x + 2$.**

| x | -4 | -3 | -2 | -1 | 0 | 1 | 2 |
|---|----|----|----|----|----|----|----|
| y | -  | -  | -  |    |   |   |   |

● ● ● ● ● ● ●

**Now, plot the coordinates from the chart above on the graph to the right by dragging the dots to the appropriate spots.**

**Touch for Solution**

1 2 3 4 5 6 7 8 9 0

Reset