Al Mawaheb School Mathematics Activity	LESSON 6-8 Parametric Equations	11 Advanced Teacher: Jisha

1. Convert the parametric equation to rectangular.

$$x = t$$
$$y = 5t$$

A. $y = 5x^2$ B. $y = 5x$

C. $y = x - 5$ D. $y = x^2$

2. Write $x = 2t$ and $y = t^2 + 3$ in rectangular form.

A. $y = 4x^2 + 3$ B. $y = 4t^2 + 12$

C. $y = \frac{1}{4}x^2 + 3$ D. $y = (x - 2)^2 + 3$

3. Eliminate the parameter; $x = \frac{1}{t-2}$ and $y = 4t - 5$

A. $y = 4x + 5$ B. $y = -2x + 3$

C. $y = \frac{4}{x} + 3$ D. $y = 4x + \frac{1}{3}$

☺ *Lots of love and don't forget that math is everywhere! Enjoy!* ☺

LIVEWORKSHEETS