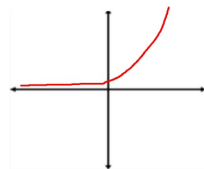
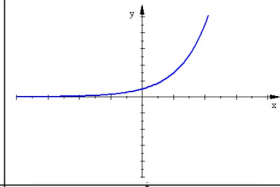


Name of Family	Example Equation
Exponential	$y = 3^x$

Parent Function:

$$y = 2^x$$



Graph	Characteristic of Equation	Graph
	Variable in the exponent	Continuous growth or decay.

Hwk #2 Answers:

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34. EQ: $3x + 4x + 5x = 30$ $x = 2.5$

Sides: 7.5, 10, 12.5

38. $m = 5.4$ 40. $x = 30$

42. $R = \frac{r_1 r_2}{r_1 + r_2}$ 43. $r_2 = \frac{R r_1}{r_1 - R}$

47. $b_2 = \frac{2A}{h} - b_1 = A \frac{2}{h} - b_1$

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6. $y \leq -6$ 12. All Real Numbers 13. No Solution

