

October 02, 2018

limited Questions on HW

$$3(x-1)^{2}-5$$

$$3(x-1)(x-1)-5$$

$$(x-1)(x-1) = x+1$$

$$3x^{2}-3x-3x+3-5$$

$$3x^{2}-6x+3-5$$

$$y = 3x^{2}-6x-7$$

$$\frac{\sin 20}{17} = \frac{\sin 10}{x}$$

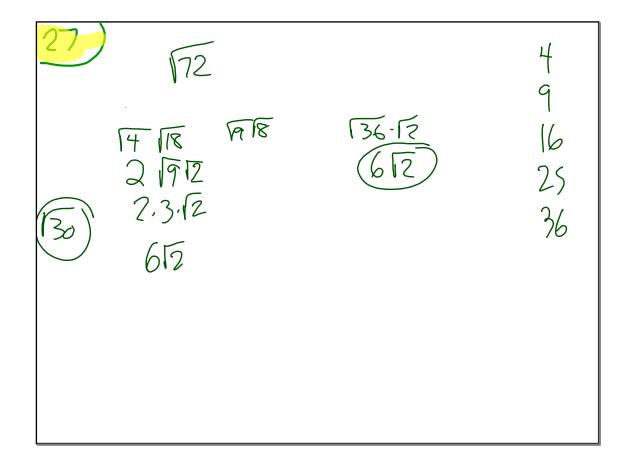
$$\frac{\sin 20}{17} = \frac{\sin 10}{x}$$

29 Parents spend 300/mo food
$$100' + 4' = 104'$$

(a) Syears Inflation $y = 300(1.04)$

(b) $x - years from$

$$y = 300(1.04)$$

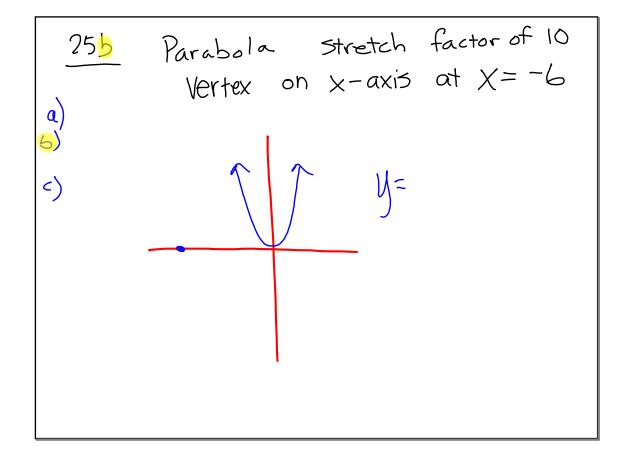


$$34c$$

$$y = 3(x-1)^{2} - 5$$

$$y = 3(x-1)(x-1) - 5$$

$$3x^{2}$$



$$(3,-7)$$
 slope $\frac{2}{3}$

23a How can she get a good sketch from

$$y = 2(x+3)^2 - 8$$

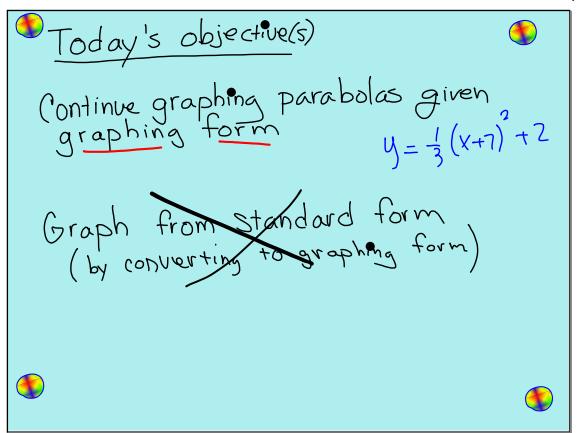
25
$$y = (x)^2 - 5$$

as $y = (x)^2 - 5$

b stretch factor 10 $y = (x)^2 - 5$

(b) Stretch factor 10
$$y = (x^2 + y^2)$$
 = 10 (x+6) (-6,0)

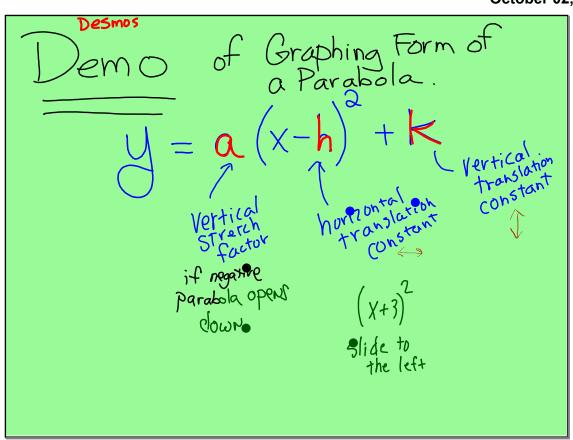
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Demo of Graphing Form of a Parabola.

Parent:
$$y=x^2$$

$$y = a(x-h)^2 + k$$

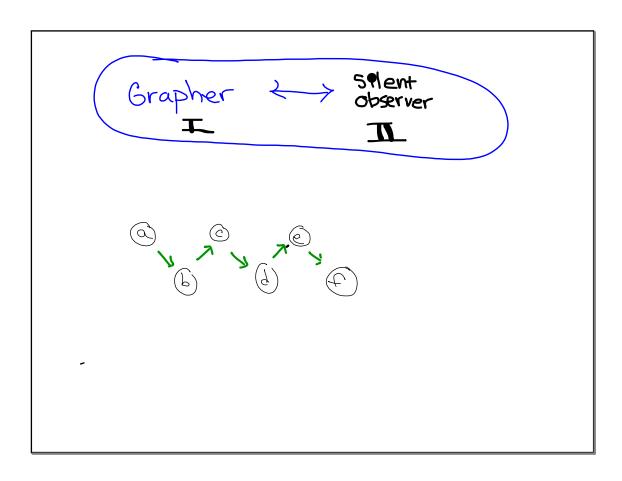


Pairs should sit side by side facing the front of the room.

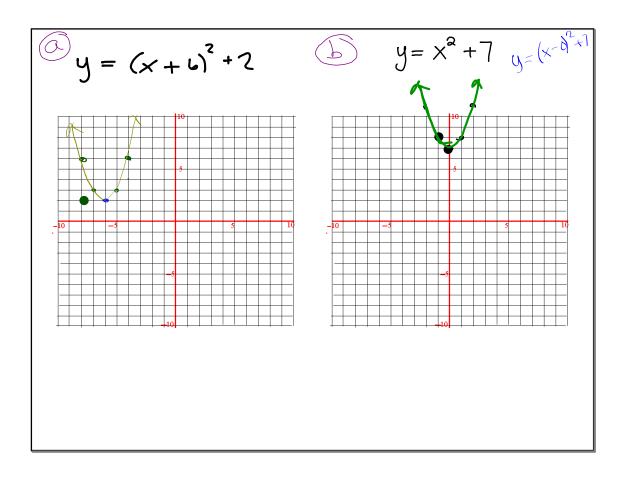
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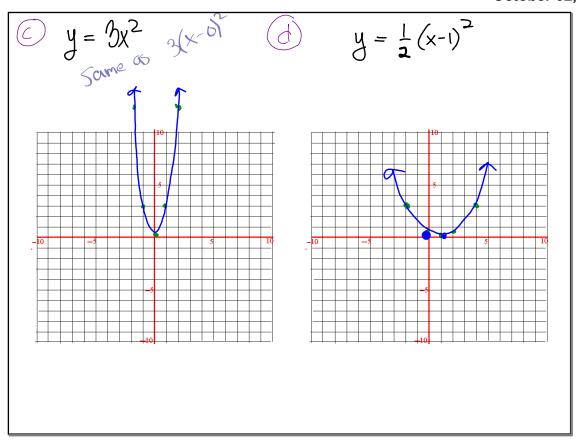
Turn your GDC over or take it off your desk.

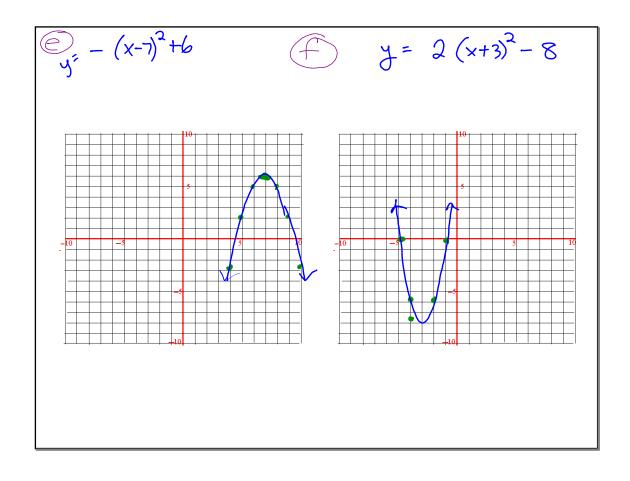
Each pair will work on one sheet and will take turns.



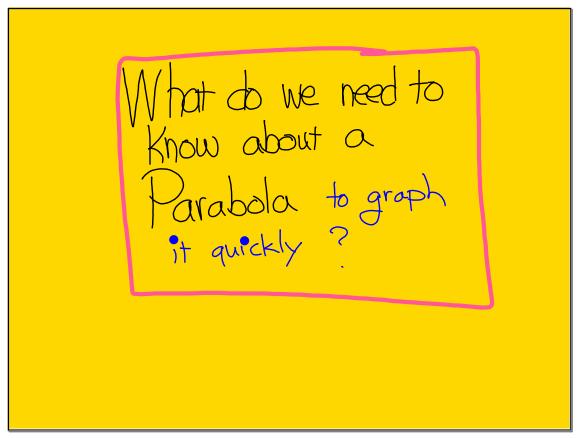
Use quick graphing Skills







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Vertex orientation Stretch factor



Assignment:

2 - ... 35 - 38, 39abc, 40

..... 41 is an *optional* challenge

$$\mathcal{L} = 2x^2 + 4x - 30$$