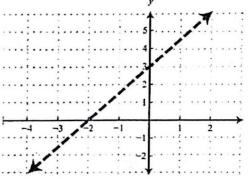
Flashback #5

1. Which of the following attains a minimum value at (4,-1)?



2. Give the inequality that can be represented by the following graph.

test pe from should region
$$0 \quad \Box \quad \stackrel{2}{\cancel{3}}(0) + 3$$



- 0<13 > y< -3x+3
- 3. Given that the zeros of a quadratic function are -5 and 9, and the graph has a y-intercept of -90, what is the vertex of the function?

what is the vertex of the function?

$$y = \alpha(x + 5x - 9)$$

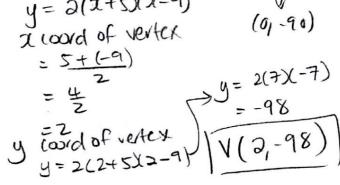
$$y = \alpha(x + 5x - 9)$$

$$-90 = \alpha(5x - 9)$$

$$-10 = -45a$$

$$y = 2(x+5)(x-9)$$

 $x \cdot (x+5)(x-9)$
 $= x+(-9)$



 $-\frac{10 = -45a}{-45}$ 4. Factor $20x^2 + 6x - 8$ $2(10x^2 + 3x - 4)$

$$2(10x^2+3x-4)$$

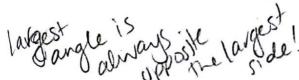
5. Describe the graph $y = -3(x+5)^2 - 2$ opens down yest: -77

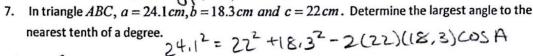
opens down
$$V(-5,-2)$$

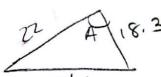
6. The average mass of golf balls produced at a factory is 45.6 grams 0.3 grams. The results are accurate 19 out of 20 times. Determine the confidence level, confidence interval and margin of CL=19 > 95% CT > 45,6±0,3 HoFE ±0,39.

Foundations 11

Riverside Math



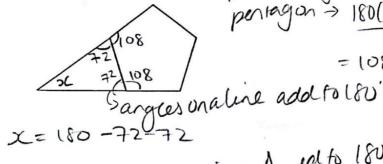




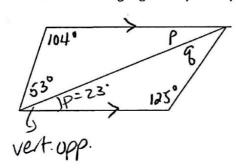
$$\frac{24.1^2 - 22^2 - 18.3^2}{2(22)(18.3)} = \cos A$$

$$\omega s A = -,2957$$
 $CA = 107.2$

24.1 ω s A = -.2957 CA = 107.28. The diagram shows a regular pentagon and a triangle. The value of x and explain your reasoning.



Determine the missing angles and provide your reasoning.



$$Lp = 23$$
 $Lsina \Delta$.
 $Lg = 32$ $Lsina \Delta$

- 10. Consider:
- All clarinet players are musicians
- Fred is a clarinet player

What conclusion can be made? Can you prove it?

Fredisamusician. a=b > b=c!