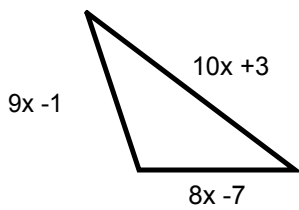




Warm Up  
Feb. 22



a) Given the following shape determine the perimeter.



$$(9x-1) + (10x+3) + (8x-7)$$

$$\underline{9x-1} + \underline{10x+3} + \underline{8x-7}$$

$$27x - 5$$

b) Determine the perimeter of the triangle when  $x = 2$ . (Show your work)

$$27x - 5$$

$$27(2) - 5$$

$$54 - 5$$

$$\textcircled{49}$$

Write a polynomial that matched the description:  
variables: x and y, Degree: 8; Trinomial,  
Constant: -4

$$\underline{15x} + \frac{7y^8}{y} - \underline{4}$$

What do I add to  $16x^2 + 2x - 1$  to get  $18x^2 - 5x + 7$  as the result?

$$2x^2 - 7x + 8$$

Add the following

$$(5x^2 + 12x - 10) + (-7x^2 - 15x + 19)$$

$$5x^2 + 12x - 10 - 7x^2 - 15x + 19$$

$$-2x^2 - 3x + 9$$

How many terms are in your final answer?

③

Subtract the following:

$$(21y^2 - 10y + 14) - (2y - y^2 + 4 - 7x)$$

$$21y^2 - 10y + 14 - 2y - y^2 + 4 - 7x$$

$$20y^2 - 12y - 7x + 18$$

Divide or Multiply

a)  $(45x^5 - 72x) \div 9x$

$$5x^4 - 8$$

b)  $3x(-7x + 4)$

$$-21x^2 + 12x$$

## **Class/Homework**

#6 a, b, c

#9 a, b

#12 a, c

#15 a, e, h

#16 (important)

#19 a

#22 a,c,h,k,l

#26 a,c,e,g

#28 b, d, f

#29 a, b

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