Warm Up

October 4, 2018

1.) Tony needed to flag down a taxi cab after basketball practice.

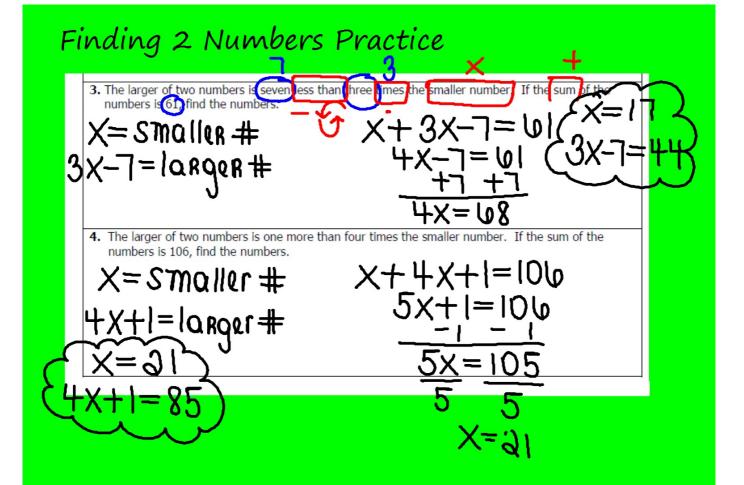
The cab charges \$0.20 per mile and an initial fee of \$3.00. Write an expression that Tony can use to determine the amount of money it will cost him to get home from practice.

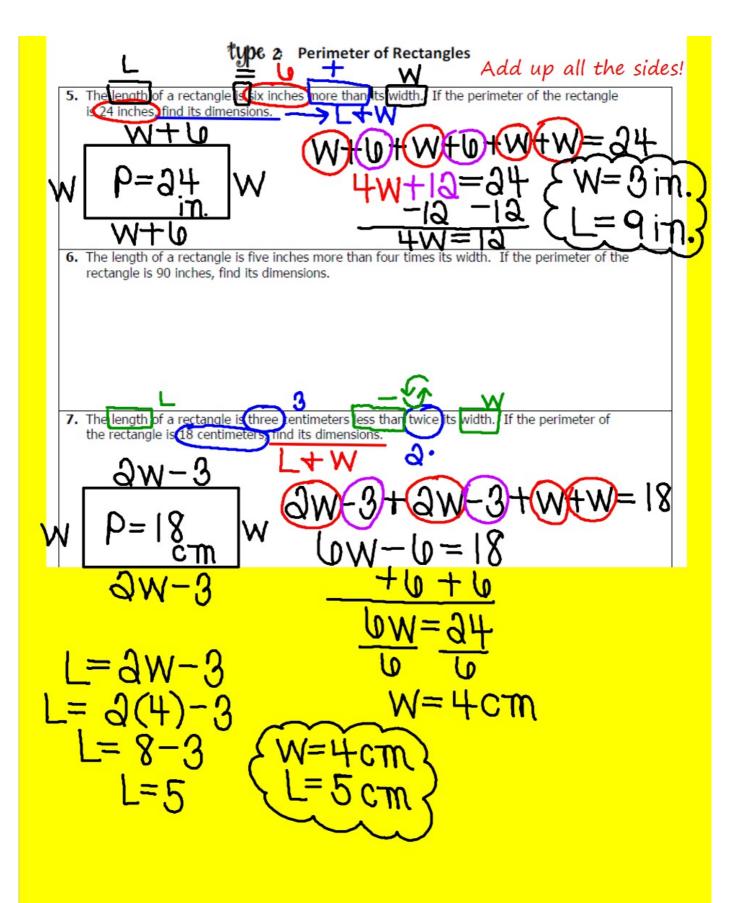
2.) Together Theodore and Derrick have \$33.10. Theodore has \$3.05 more than 4 times as much as Derrick How much each boy have?

$$+x+3.05+x=33.10$$
Thuo Der.

 $5x+3.05=33.10$
 $-3.05\cdot -3.05$
 $5x=30.50$
 $5x=30.50$

3.) Use order of operations to simplify the following expression:





8. The length of a rectangle is 7 inches more than its width. If the perimeter of the rectangle is 66 inches, find its dimensions.

9. The length of a rectangle is five ess than twice its width. If the perimeter of the rectangle is 56 inches, find its dimensions.

$$L = 3W - 5$$

$$= 3(II) - 5$$

$$L = 17$$

$$U = 11 \text{ in.}$$

$$U = 11 \text{ in.}$$

₹ype 3: Finding <u>Consecutive</u> Numbers

- What does consecutive mean? back to back
- Give examples of the following:

consecutive numbers	1, 2, 3, 4, 5/n, n+1, n+2
consecutive <u>even</u> numbers	2, 4, 6, 8,/n, n+2, n+4
consecutive <u>add</u> numbers	17, 19, 21, 23,/n, n+2, n+4

10. The sum of two consecutive numbers is 123 Find the numbers.

$$T = |S^+| + T + T + T + T = 123$$
 $T = |S^+| + T + T + T = 123$
 $T = |S^+| + T + T = 123$
 $T = |S^+| + T + T = 123$
 $T = |S^+| + T = 123$

$$T_{+} = 3^{-1} + 1 = 85$$
 $T_{+} = 3^{-1} + 1 = 85$

LZ. FING two conse	ecutive even numbers	s whose sum is 54.		
13 The sum of tw	o consecutive odd nu	imhare is 128 Fina	the numbers	
. The sum of tw	o consecutive out no	imbers is 120. Tind	the numbers.	

14. The sum of three consecutive even numbers is 138. Find the numbers.	
The same of the consecutive even numbers is 150. This die numbers.	
15. The sum of three consecutive odd numbers is 57. What are the three numbers?	
13. The sum of three consecutive out numbers is 37. What are the three numbers:	

In cross-country, the team score is determined by the place each individual runner finishes. (For example 1st place is one point, 16th place is 16 points, etc.) In their latest meet, Mr. Wilks' team scored 55 points. If there were five runners on the team and each runner finished one after another, what places did they each come in?

MR. WILKS' CHALLENGE!