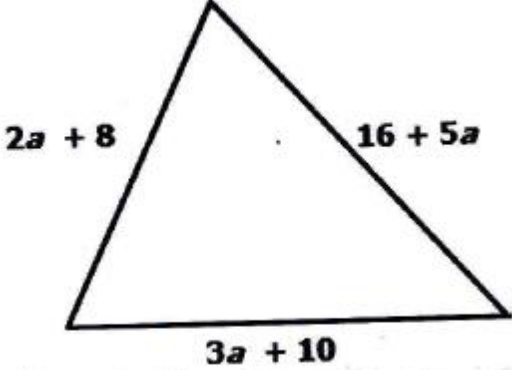


Name: \_\_\_\_\_

## Weekly Spiral Questions - Quarter 3 Week 8

Show all work on a separate paper and attach it to the back. Be sure to label your answers appropriately! (Calculator Inactive)

1. Solve. $6\frac{5}{8} \div 1\frac{2}{3}$	<b>Answer:</b>
2. A jewelry store purchases a watch for \$410. If there is a 110% markup, how much will the <b>retail price</b> of the watch be?	<b>Answer:</b>
3. At the local post office, Henry stacks boxes that are 7 inches tall next to boxes that are 4 inches tall. What is the shortest height, in inches, at which the two stacks will be the same height?	<b>Answer:</b>
4. Write an expression in simplest form to represent the perimeter of the triangle. 	<b>Answer:</b>
5. Tim walks $\frac{1}{2}$ a mile in each $\frac{1}{3}$ hour. What is Tim's walking rate? (miles per hour)	<b>Answer:</b>
6. The ratio of Mountain dew to Coke in a vending machine is 10:8. There are 40 Cokes in the machine. How many mountain dews are in the machine?	<b>Answer:</b>
7. If $5x = 105$ , what is the value of $x^2$ ?	<b>Answer:</b>
8. Kylie plans to go to the gyms on 16 different days this month. A one-day pass is \$3.75. A monthly membership to the gym is 38.00. How much money will Kylie save by buying a monthly pass?	<b>Answer:</b>

