

Mr. C's 1 Step Algebra Quiz Part 1 Name:

Date:

Directions: Answer all questions showing all algebra steps. (1 mark each)

1. $3X = 12$

2. $X - 4 = 12$

3. $\frac{X}{5} = 4$

4. $2X = 8$

5. $X + 6 = 9$

6. $4 + X = 5$

7. $\frac{X}{4} = 8$

8. $12 = 6X$

9. $15 = X + 5$

10. $14 = \frac{X}{2}$

Two Step Equations Part 2:

Neatly complete the following:

1. Solve for the variable by showing all work in the space provided. No check is required, but it may be worth it for you. (2 marks each, total 12 marks)

i) $\frac{x}{4} - 2 = 3$

ii) $3s + 1 = 7$

iii) $4k - 4 = 8$

iv) $4 = \frac{x}{6} - 2$

v) $37 = 6x - 5$

vi) $29 = 12n + 5$

2. Solve for each variable, show all work and complete a check in the space(s) provided. (total 6 marks)

i) $131 = 11 + 6w$

ii) $17 = 6x - 7$

3. Create 2 different 2 step equations as outlined in the space below and show solve them properly.(2 marks each, total 4 marks){Simply copying a question above is not accepted, but you can use the available questions as a guide}

i)(Create an equation using adding, multiplying and a negative integer of your choice)

ii) Create an equation using subtracting, dividing and a positive integer of choice).

Logical question that everyone must try: (Real world use of algebra!!!) Lanita is sewing two types of trim on a new parka. The length of leather trim is 20 cm more than 5 times the length of ribbon trim. She uses 245 cm of leather trim. How much ribbon does she use?(I would try this, for you will be solving these soon!)

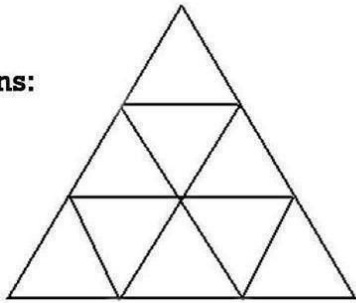
a) Write an algebraic equation to represent the situation...or since Mr. C has not done this yet, simply try to solve this problem any way you can.

b) Solve the equation and check your answer.

How many Triangles are there??
Lets see how smart are you?

Options:

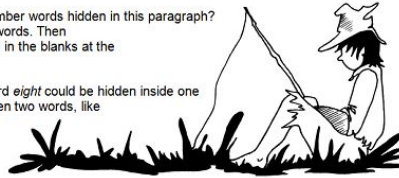
- 1) 9
- 2) 12
- 3) 10
- 4) 11
- 5) 13



The One That Slipped Away

Can you find seven number words hidden in this paragraph? Underline the number words. Then write the number words in the blanks at the bottom.

As an example, the word *eight* could be hidden inside one word, *height*, or between two words, like this: 'We will ride in a sleigh tonight.'



Where has the fat worm gone? He was wriggling away from my reel even before I had the hook on it! If I've lost him, I'll be sorry. This evening I came prepared with reel, line and bait hoping to catch plenty of fish. It's not often that a worm of ours gets away!

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SCIENCE SCRAMBLE

Directions:

- Using 3 or more of the letters below, create as many words as you can.
- Write the word and the point value into the appropriate box.
- Minimum score is 75 points, who will have the highest score?
- The 7 letter word is a science term - you must solve it to hand in!

I, S, S, L, F, S, O

3 Letter Words oil-3	4 Letter Words
5 Letter Words	6 Letter Words
7 Letter Science Word	

Liz LaRosa 5th grade science www.middleclassscience.com 2009
 *some puzzles may have less than 75 points possible
 Puzzle #12

You can draw here you know!!!

Complete the following:

Can you copy the image below without ever lifting your pen from the paper? (it is possible!)

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