

YOU MUST SHOW ALL WORK (on a separate attached and stapled to this) FOR ME TO COUNT THIS!! No exceptions.

Practice: Solve Multi-Step Equations

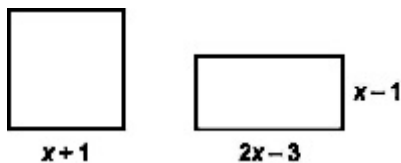
1. Solve.

- a) $6x + 3 + 2x = 19$
- b) $10m - 3m + 8 = 43$
- c) $4a + a + 9 = 44$
- d) $15 - 3b + b = 3$
- e) $2y + 4 + 3y = 9$
- f) $7f - 12 + f = 20$
- g) $9q + 2 - 8q - 13 = 0$
- h) $8 - 3k + 5k = 0$

2. Find each root (solve).

- a) $3b + 4 = 2b + 6$
- b) $7p - 18 = 3p - 2$
- c) $2x + 4 = 5x - 5$
- d) $8g + 3 = g + 10$
- e) $6h - 5 = 2h + 3$
- f) $4m - 9 = m + 7$
- g) $5r - 6 = 2r + 3$
- h) $-3y + 15 = y - 13$

5. A square and a rectangle have the same perimeter. Find the side lengths of each figure. BONUS



3. Solve.

- a) $4(x - 3) = 3x - 7$
- b) $2(a - 8) + 3(a + 6) = 17$
- c) $3(2p + 1) = 5(p + 1)$
- d) $5d = 4(d + 2)$
- e) $2(3t + 5) - 4(2t - 1) = 6$
- f) $5(k + 3) = 2(4k + 7) - 5$

4. Solve, then check.

- a) $2m + 1 - m = 4$
- b) $q + 4 + 2q - 19 = 0$
- c) $g - 3 + 4g = 2g - 6$
- d) $2(2b + 7) = 3(b + 3) + 3$

6. In a triangle, the measure of the middle angle is triple the measure of the smallest angle, and the measure of the largest angle is 55° greater than the measure of the smallest angle. Find the measures of the angles. BONUS

Retest for Trigonometry: Pg 88 #5-17 Show all work

Retest for Chapter Seven: Pg 312 #2-16 Show all work

This is due Tuesday April 17th in the morning (Rm 253). If you are away, hand it in Monday (16th). If you are sick bring it on Wednesday with a doctor's note. You will be given class time. I am trying to help you and this will be much marking. If you just copy the answers from the back of the book, I will not even look at it. Both retests are from homework you have done.

If you use your SMARTPHONE in class, I will not accept this. If you struggle with 12x12 table use the resource offered on my school website: http://sts.schools.smcdsb.on.ca/staff_sites/eagan/