Write your answers in the place provided. Passing is 4 of 5 answers completely correct. You may retake this test as needed. You may not use calculators, notes, books or the paper of another person on this assessment. (This one is the for practice!!)

1. Solve the equation 2x - 7 = 3 for x.

Answer:
$$\chi = 5$$



$$X = 5$$

2. Solve the equation P = S + M*T for M

3. Solve the equation $\frac{12}{(x+x)} = 4$ for x.

Answer:
$$X = ($$

$$12 = 4 (X+2)$$

$$12 = 4X + 8$$

$$4 = 4X, X = 1$$

4. Solve the equation $\frac{1}{3}(x-1) + \frac{1}{5}(x-2) = 11$ for x

$$5(x-1) + 3(x-2) = 165$$

 $3x-5 + 3x-6 = 165$

Answer:
$$\chi = 22$$

$$8x = 176$$
, $\chi = \frac{176}{8} = 22$

5. Solve the equation $(2x+1)^2 = 4x^2+3x+1$ for x

Answer:
$$\chi = 0$$

$$4x^{2} + 4x + 1 = 4x^{2} + 3x + 1$$

-4x2 -3x -1 -4x2 -3x -1

$$\chi = 0$$