

Intro. Math 212

Work the problems, downward, in the space provided.

Circle all answers.

Be neat and readable.

Simplify completely

1) $4 - 2(3x + 5) - 3(4x - 1)$

2) $(2xy^2w^3)^3$

3) $8.27(0.004)$

4) $6(7x - 5) - 3(9x - 7)$

5) $(-xy^3)(4x^4)(5y^2)$

6) $130.125 \div 25$

7) $(7y^2 - 9y - 16) - (3y^3 - 4y^2 + 2y + 7)$

Solve the equation:

$$8) \frac{65}{20} = \frac{14}{n}$$

$$9) -7p + 9 = -8$$

$$10) 8 - 3m = 8m - 15$$

$$11) 4(0.6 - 1.2x) = 13.92$$

$$12) 6 = 43.5 + c$$

$$13) 4(0.6 - 1.2x) = 13.92$$

14) Translate into an equation and solve:

Twice the difference between a number and twenty-five is three times the number. Find the number