

Math 35 Friday Worksheet 4

1. Solve:

a. $-7 = x - 20$

b. $2x - 15 - x = 9 - 17$

c. $-12x = -72$

d. $9 - 2(3x + 5) = 4x + 3(x - 9)$

2. Divide:

a. $\frac{38x^7}{-2x^4}$

b. $\frac{6x^5 - 9x^4 + 12x^3}{-3x^2}$

3. Factor: $5x^3 - 10x^2$

4. What area of cardboard is required to make a box, open at the top, that is 2 feet long, 3 feet wide, and 5 feet high?