

Math 35 Friday Worksheet 3

1. Simplify:

a. $(-2)^3 + 3\sqrt{25} - 18 \div 3$

b. $\frac{(-2)^3 + 5(7 - 15)}{4 \cdot 11 - 2(5 - 9)^2}$

2. Evaluate $6xy - x^3$ when x is -3 and y is 2 .

3. Write in descending order: $3x^2 - 2x + 2x^7 - x^3 + 4x^5$

4. Solve:

a. $-12n = 48$

b. $-x = 40$

5. A ship travels at an average rate of 30 mph. How far will it travel in 3 hours?

6. Simplify:

a. $-3w + q + 5q - w + 4w$

b. $(2x - 4) - (-x^2 - 3x + 1)$