

Name: _____
Date: _____
Class: _____

Algebra
Unit 1
HW 1-1

1) Put the following numbers in order largest to smallest:

$$1.3, \frac{4}{3}, \sqrt{3}, 2$$

2) In #1, which of the numbers is a real number?

3) In #1, which of the numbers is a rational number?

4) In #1, which of the numbers is a whole number?

5) If you were solving a problem that wanted you to find the product of 28 and 31, what would a reasonable answer be close to?

6) If you were dividing 9 by $\frac{1}{2}$ and got 4.5, is this a reasonable answer? Explain.

7) If you were finding the square of -42 and the answer you came up with was -1764, is this a reasonable answer? Explain.

8) How many terms does each expression have?

a) $4x^2 - 2x - 3$

b) $1764ab^2x^5d^7y^4z$

9) Write an expression that has 4 terms, one of which has a coefficient of -4, and has a degree of 6.