

1 Simplify then factor

$$11x^3y^3z + 3x^3y^3z = \frac{\quad}{\text{GCF}} \left(\quad + \quad \right)$$

2 Exponents

$(3^{-2})(2^{-1})$ as a decimal to the hundredths place

$(2^{-2}) + 2$ as an improper fraction

2^{-2} as a decimal and percent

3 Unit rate:

5 sodas for \$2.55. Price per soda (unit price) ?

4 Best buy ?

4 pounds of beef for \$ 6.72 or 6 pounds for \$ 8.20 ?

5 Solve What 'd' will make this true ?

$$d + 6 + 4(d - 3) = 2(d + 12)$$

6 Graph the following $y = 2x - 5$ $3x + 2y = 12$

7 Write in 'y' - slope - intercept form. Find the slope and 'y' intercept

$$2y - 3x = 12$$

$$3x - 4y = 12$$

8 Three buildings ... height of B2 and B3 ?

