1. Simplify each expression below. Express answers with positive exponents. Circle answers.

a.
$$\frac{(2x^0)^3 x}{x^{-3}}$$
 b. $\frac{(3n^2)^0 (3n^3)^2}{3n^{-3}}$ c. $x^0 y^3 (x^{-2}y^{-3})^2$

2. A right triangle has a base that is four times greater than its height. The hypotenuse is 85 cm. solve for the base and height. (Draw a sketch; Solve algebraically)



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