ANSWERS

A) _____

B) _____

C) _____

A) Solve for x over the rational numbers.
$$2x = 3 + \frac{15}{x+2}$$

B) The difference between the squares of two positive integers A and B is 72.
Compute <u>all</u> possible ordered pairs (A, B), where $A > B$.

C) Factor completely over the integers using the fewest possible number of minus signs.

$$\left(x^2 + y\right)\left(x^2 - y\right) + x^2\left(y^2 - 1\right)$$

Consider expressions like $(a - 1)$ and $(^-1 + a)$ to each have one minus sign.