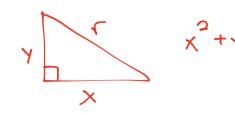
VERBALLY - Write an equations or equations to represent the following. Then solve use factoring.

3. The product of two numbers is $\frac{255}{3}$ Their difference is $\frac{255}{3}$. Find these numbers. $\frac{255}{3}$

$$(1) \times (15) + 2 \times (15) + 2 \times (17) + 2 \times (17$$

The product of two fluinders is
$$325$$
 Then difference is 4.7 fluid these fluinders. (7,1)

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What is pythagorean Theorem? Using algebra, express 3

consecutive odd numbers in terms

of x.

1st = x

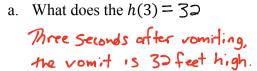
2nd = x+2

$$\begin{array}{l}
1st = \times \\
2nd = X+2 \\
3rd = X+4
\end{array}$$

ALGEBRAICALLY

6. George hurls upward from the top of a 25 ft tall pizzq ft, t seconds after he hurled it is h(t)







b. At what height is the vomit when it hits the ground?

7. Write the equation of a quadratic function whose solutions are 5 and -3.

$$f(x) = [x - (s)][x - (-3)]$$

= $(x - s)(x + 3)$
 $f(x) = x^2 - 2x - 1s$

8. Determine the value of k so that the roots of the equation $x^2 - kx + 169 = 0$ are equal.

$$\left(\times -13 \right)^2 = 0$$

$$\times^2 - 26 \times 4169 = 0$$

GRAPHICALLY

a. For a 3rd degree polynomia | make a rough sketch of the graph WITHOUT your calculator given f(3) = 5, f(-1) = 0, f(4) = 0, f(7) = 0

