1. Factor each Polynomial Expression:
2. $m^{2}-64$m
3. $5n^{2}+19n+12$
4. $p^{2}+3p-18$
5. $2b^{3}+10b^{2}+12b$
6. The area of a square is represented by

$16x^{2}+40x+25$.  Find the length of each side. What’s the perimeter?

1. The area of a rectangle is represented by $3x^{2}-4x-15$, and the width is  *x* – 3 . What expression can be used to represent the length of the rectangle? Justify your reasoning.
2. A construction company is planning to pour concrete for a driveway. The length of the driveway is 16 feet longer than its width *w*.

a) Write an expression for the area of the driveway.

b)Find the dimensions of the driveway if it has an area of 260 square feet.