1. Find the dimensions of a pool that has an area of *18x2 + 42x.*
2. Find the perimeter of a rectangle that has an area of *4x – 32*.
3. The area of a rectangle is *n2 + 4n -12*, find the dimensions of the rectangle.
4. The area of a square is *4m2 + 20m + 25*. Find the length of each side.
5. Find the perimeter of the square in question #4.
6. The volume of a rectangular prism is *18h3 – 72h*. Find the length of all three sides. How many sides are binomials?
7. The area of a rectangle is *3y2 - 8y + 4*. If one of the sides is (y - 2), what is the length of the other side?
8. The area of a rectangular book cover is *5j2 + 19j + 12*. The width of the book cover is (j*+3)*, what is the length of the cover?
9. Find the perimeter of a rectangle that has an area of *49x2 – 121y2.*
10. Find the dimensions of a rectangular prism with a volume of *15x3- 27x2 – 6x*.