Summer Review Packet for 8th Grade Accelerated Students Going into Advanced Geometry

The following topics were covered in 8th grade accelerated math. They are important for the foundation of advanced geometry.

It is important that students be able to work these problems independently. If outside help is received, it should be on similar problems covering these concepts. It would be beneficial for different problems to be used for examples and/or practice.

Solving Equations
1.
$$3(x + 1) - 5 = 5x - 2$$

2. $4(2x - 8) = 3(2 - 3x)$
3. $8(b + 1) + 4 = 3(2b - 8) - 16$
4. $\frac{3}{4}(2x + 1) = 2$
5. $\frac{1}{5}m + \frac{2}{3} - 2 = m - \frac{2}{5}$





