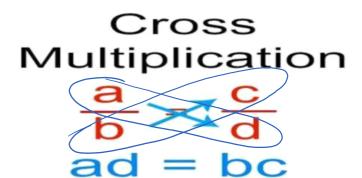
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Math 9 Ch 6

Level 3: Algebra with Cross-Multiply

**Learning Outcome 6C:** I can solve algebra equations with fractions.



When an equation is of the form  $\frac{a}{b} = \frac{c}{d}$ , we can make it into an easier equation by cross-multiplying.

Example 1:

Solve  $\frac{2}{3}$ 

4x(16) = 5(1)

Example 3: Solve

Example 4:

Solve (m+7)

28m-252= 12m+84

16m -252 = 84

**Assignment**: Level 3 "Cryptic Quiz" Worksheet (cross-multiply)