

# Unit 3-Lesson 4(a)-Classwork/Homework

1.  $\frac{2x-3}{6} = \frac{2x}{3} + \frac{1}{2}$        $x =$  \_\_\_\_\_

**$X = -3$**

2.  $\frac{4x}{3x-2} + \frac{2x}{3x+2} = 2$        $x =$  \_\_\_\_\_

**$X = -2$**

3.  $\frac{2x-3}{7} - \frac{x}{2} = \frac{x+3}{14}$        $x =$  \_\_\_\_\_

**$X = -\frac{9}{4}$**

4.  $\frac{3}{5x} + \frac{7}{2x} = 1$        $x =$  \_\_\_\_\_

**$X = -\frac{41}{10}$**

5.  $\frac{4}{x^2-8x+12} = \frac{x}{x-2} + \frac{1}{x-6}$        $x =$  \_\_\_\_\_

**$X = 6$**

**$X = -1$**

6.  $\frac{5x}{x+2} + \frac{2}{x} = 5$        $x =$  \_\_\_\_\_

**$X = \frac{1}{2}$**

