

You have **20 minutes** to complete this quiz. Do the following problems **on a separate piece of paper**. Please number each problem and clearly show your work. When possible, circle your answers. **Do not write answers on this page**. When you are finished, staple this page on **top**.

Solve.

1.  $x - 7 = -18$   
 $x = -11$

2.  $6 - 18 + 4 = 4x - 2 - 2x$   
 $x = -3$

3.  $\frac{2}{3} + x = \frac{1}{6} + \frac{1}{4}$   
 $x = -\frac{1}{4}$

4.  $2.7 + x - 1.4 = 3.2$   
 $x = 1.9$

5.  $18 = -42x$   
 $x = -\frac{3}{7}$

6.  $\frac{2}{5}x = 16$   
 $x = 40$

7.  $8x - 9 = 12$   
 $x = \frac{21}{8}$

8.  $15 - 3x = -6x + 9$   
 $x = -2$

9.  $8x - 2(4 - x) = 13 + 3x$   
 $x = 3$