

### Solving 2-Step Equations - Set 1

TSE 1

**Instructions:** Solve each equation.

1  $4x + 7 = 15$   $4(2) + 7 = 15$   
 $-7$   $-7$   $8 + 7$   
 $\rightarrow \frac{4x}{4} = \frac{8}{4}$   $15 = 15$   
 $\rightarrow$   
 $x = 2$

2  $2x - 4 = 10$

3  $6 + 3x = 15$

4  $25 = 4 + 7x$

5  $41 = 8x - 23$   $41 = 8(8) - 23$   
 $+23$   $+23$   $41 = 64 - 24$   
 $\frac{64}{8}$   $\frac{8x}{8}$   $41 = 41$   
 $8 = x$

6  $5x - 12 = 18$

7  $9x + 7 = 88$

8  $25 = 3x - 8$

9  $1 + 10x = 91$

10  $16 = 12 + 4x$