Do **NOT** move the desk!!
Turn your phone **OFF**!!
Put your phone up!!
Sit down!!
Be quiet!!
Prepare to work!!
Keep your hands to yourself!!

Oct 15-8:10 AM

Pg 70 Solve Equations

5) $\dfrac{x}{7} + 11 = 1$

$\phantom{\dfrac{x}{7}} \quad -11 \quad -11$

$\dfrac{x}{7} = -10$

$\dfrac{\frac{x}{7}}{\frac{1}{7}} \quad \dfrac{-10}{\frac{1}{7}}$

$x = -70$

13) $8 - \dfrac{1}{3}x = 16$

$ \quad -8 \quad\quad -8$

$-\dfrac{1}{3}x = 8$

$\dfrac{-\frac{1}{3}x}{-\frac{1}{3}} \quad \dfrac{8}{-\frac{1}{3}}$

$x = -24$

17) $\frac{1}{2}x - 29 = -22$

$\phantom{\frac{1}{2}x}\ +29\ \ +29$

$\frac{1}{2}x = 7$

$\overline{\frac{1}{2}}\ \ \ \overline{\frac{1}{2}}$

$x = 14$

✓ solution

$\frac{1}{2}(14) - 29$

$\boxed{-22}$

21) $14 - \dfrac{2x}{3} = 18$

$\quad\; -14 \qquad\qquad -14$

$\qquad\qquad \dfrac{-2x}{3} = 4$

$\qquad\qquad \dfrac{\;}{\frac{-2}{3}} \quad \dfrac{\;}{-\frac{2}{3}}$

$\qquad\qquad\quad x = -6$

30) $53 - \dfrac{2}{3}x = 59$

$\quad\; -53 \qquad\qquad -53$

$\qquad\qquad \dfrac{-2}{3}x = 6$

$\qquad\qquad \dfrac{\;}{\frac{-2}{3}} \quad \dfrac{\;}{\frac{-2}{3}}$

$\qquad\qquad\quad x = -9$

3) $41 - \dfrac{3}{8}x = -22$

$-41 \qquad\qquad -41$

$-\dfrac{3}{8}x = -63$

$\dfrac{-\frac{3}{8}}{} \qquad \dfrac{-63}{-\frac{3}{8}}$

$X = 168$

9) $\dfrac{X}{5} - 18 = -11$

$+18 \qquad +18$

$\dfrac{\frac{X}{5}}{\frac{1}{5}} = \dfrac{7}{\frac{1}{5}}$

$X = 35$

29) $17 - \frac{5}{9}x = 27$

$-17 \qquad -17$

$\dfrac{-\frac{5}{9}x}{-\frac{5}{9}} = \dfrac{10}{-\frac{5}{9}}$

$x = 18$

$5\overline{)90}$

$\underline{-5}$
40

18