

Assignment: 2-1

Name _____ Hr _____

State the inverse.

1) Add 18

5) Multiply by 4

2) Add -11

6) Divide by -6

3) Subtract 31

7) Multiply by $-\frac{1}{2}$

4) Subtract -25

8) Divide by $\frac{2}{3}$

Solve the equations. Show your work.

9) $x + 9 = 14$

13) $-\frac{1}{3} + x = \frac{2}{3}$

10) $x - 3 = 11$

14) $-x + |-3| = 13$

11) $-12 = 12 + x$

15) $10 = -x - 8 - 6$

12) $x - (-9) = -9$

16) $4x = 36$

17) $-3x = -27$

18) $9 = 45x$

19) $3 = \frac{x}{11}$

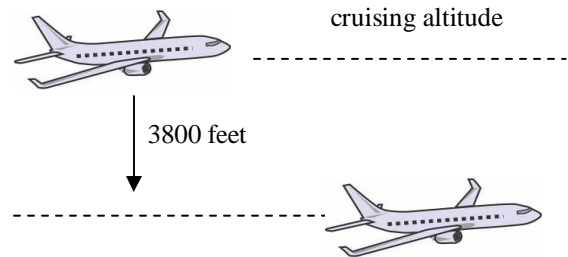
20) $\frac{x}{-4} = 17$

21) $-1/2x = -30$

22) $-12 = \frac{3}{4}x$

23) Write and solve an equation.

An airplane was cruising at an altitude and then descended 3,800 feet. If the plane is at 28,000 feet now, what was the cruising altitude?



24) Write and solve an equation.

You purchased 8 copies of a CD to give to each of your friends and spend \$78. How much did each CD cost?