BASIC EQUATION PRACTICE

name_____
per.____ date_____

Solve the following by arranging into layers & doing the opposite operation to both sides.

1.) $-2x - (-6) = 18$

$+(-6) \quad +(-6)$

$-2x = 12$

$\div -2 \quad \div -2$

$x = -6$

2.) $m - (-8) = 28$

3.) $n - 6.2 = -15.4$

Which is a solution for the following equations?

4.) $\frac{m}{4} = -24$

A. 4
B. -4
C. 96
D. -96

5.) $m + (-4) = 27$

A. 23
B. -23
C. 31
D. -31

6.) $-5c = -37$

A. 185
B. -185
C. 7.4
D. -7.4

7.) $1.2n = -36$

8.) $w - 5\frac{3}{8} = -11\frac{1}{2}$

9.) $\frac{2}{3}F = 35$

Which is a solution?

10.) $3x - 6 = 26$

11.) $4c + 12.6 = 230$

12.) $\frac{m}{2} + 6 = -15$

A. -42
B. -10.5
C. -4.5
D. -18

13.) $-5n - 11 = 33$

14.) $\frac{j}{1.8} - 6 = -10$

15.) $\frac{F}{4} - 11.6 = -3.2$