

HW 3.4 Lesson

Name: _____

- Regular: p. 106 #11-27 odd
- Modified: p. 106 #11, 15, 17, 19, 23
- Advanced: p. 106 #11-27 odd, 37, 38

Solve the equation. Check your solution. Show work!

11. $5m = -10$

13. $-0.2x = 1.6$

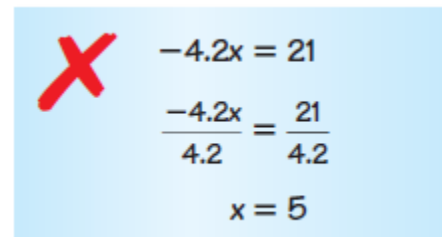
15. $-6p = 48$

17. $\frac{n}{1.6} = 5$

19. $\frac{3}{4}g = -12$

21. $-\frac{4}{9}f = -3$

23. **ERROR ANALYSIS** Describe and correct the error in finding the solution.



$-4.2x = 21$
 $\frac{-4.2x}{4.2} = \frac{21}{4.2}$
 $x = 5$

Write the word sentence as an equation. Then solve. Show work!

25. A number multiplied by $\frac{2}{5}$ is $\frac{3}{20}$.

27. The quotient of a number and -1.5 is 21.

Advanced:

37. **OCEANOGRAPHY** Aquarius is an underwater ocean laboratory located in the Florida Keys National Marine Sanctuary. Solve the equation $\frac{31}{25}x = -62$ to find the value of x .



38. **SHOPPING** The price of a bike at Store A is $\frac{5}{6}$ the price at Store B. The price at Store A is \$150.60. Write and solve an equation to find how much you save by buying the bike at Store A.