

HW 2.4 Lesson

Name: _____

- Regular: p. 68-69 #3-6, 10-16 even, 22-26 even, 32, 47-51
- Modified: p. 68-69 #3-6, 10, 16, 22, 26, 32, 48, 50
- Advanced: p. 68-69 #3-6, 10-16 even, 22-26 even, 32, 44, 47-51

Tell whether the expression is *positive* or *negative* without evaluating.

3. $-\frac{3}{10} \times \left(-\frac{8}{15}\right)$

4. $1\frac{1}{2} \div \left(-\frac{1}{4}\right)$

5. -6.2×8.18

6. $\frac{-8.16}{-2.72}$

Divide. Write fractions in simplest form. Show your work!

10. $-\frac{7}{10} \div \frac{2}{5}$

12. $-\frac{8}{9} \div \left(-\frac{8}{9}\right)$

14. $-2\frac{4}{5} \div (-7)$

16. $-9 \div 7.2$


Multiply. Write fractions in simplest form. Show your work!

22. $-\frac{1}{4} \times \left(-\frac{4}{3}\right)$

24. $-2\left(-1\frac{1}{4}\right)$

26. $0.4 \times (-0.03)$

ERROR ANALYSIS Describe and correct the error.

32.  $-\frac{1}{4} \div \frac{3}{2} = -\frac{4}{1} \times \frac{3}{2} = -\frac{12}{2} = -6$

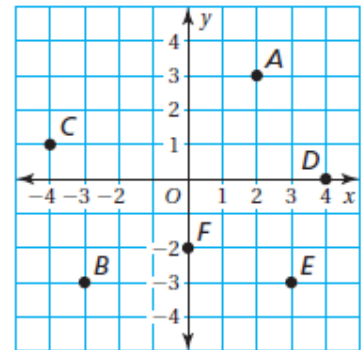
Show your work!

Add or subtract. (Section 2.2 and Section 2.3)

47. $-6.2 + 4.7$ 48. $-8.1 - (-2.7)$ 49. $\frac{9}{5} - \left(-2\frac{7}{10}\right)$ 50. $-4\frac{5}{6} + \left(-3\frac{4}{9}\right)$

51. **MULTIPLE CHOICE** What are the coordinates of the point in Quadrant IV? (Skills Review Handbook)

- (A) $(-4, 1)$ (B) $(-3, -3)$
 (C) $(0, -2)$ (D) $(3, -3)$



Advanced:



44. **PRECISION** A section of a boardwalk is made using 15 boards. Each board is $9\frac{1}{4}$ inches wide. The total width of the section is 144 inches. The spacing between each board is equal. What is the width of the spacing between each board?