Name _____ Class _____ Date _____

Practice 1-8

Dividing Rational Numbers

Find each quotient. Write your answers in simplest form.

1. $-4\frac{1}{2} \div \frac{1}{4}$

2. $1\frac{9}{10} \div \left(-\frac{5}{8}\right)$

3. $1\frac{1}{8} \div 2\frac{1}{2}$

_____

4. $6\frac{1}{3} \div \frac{2}{3}$

5. $\left(-\frac{3}{5}\right) \div \left(-1\frac{1}{3}\right)$

6. $\frac{9}{10} \div \left(-\frac{3}{4}\right)$

_____

7. $\left(-\frac{5}{8}\right) \div \left(-\frac{3}{4}\right)$

8. $-3\frac{1}{4} \div 1\frac{1}{2}$

9. $\left(-2\frac{1}{5}\right) \div 10$

_____

Find each quotient.

10. $-73.1 \div 4.3$

11. $2.73 \div (-0.7)$

12. $(-8.75) \div (-2.5)$

_____

13. $4.44 \div (-3.7)$

14. $0.072 \div 0.08$

15. $-76.44 \div 9.1$

_____

16. $(-0.115) \div (-0.23)$

17. $5.94 \div -11$

18. $(-0.802) \div (-4.01)$

_____

19. Zain owes $1,312.50 for a new computer. An equal amount will
be taken from his bank account each month for $10\frac{1}{2}$ months.
How much will be taken out each month?

_____

20. A marine biologist is measuring the temperature of a lake at
6 equally spaced depths. She makes her measurements at a
point where the lake is 33.6 feet deep. What signed number
represents the distance and direction of the first measurement
from the lake's surface?

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Course 2 Lesson 1-8 **115**