

Name: _____
Ms. Frost

Date: _____
Dividing Decimals

Days 4-5 Dividing Decimals
Homework

Rewrite the problem so that the divisor is a whole number.

1. $4.2 \overline{)23.1}$

2. $0.535 \overline{)8.76}$

Divide. Check your answer.

3. $21.6 \div 9$

4. $53.6 \div 8$

5. $0.256 \div 4$

6. Describe and correct the error in finding the quotient.

$$\begin{array}{r} \times \quad 2.7 \\ 5 \overline{)1.35} \\ \underline{-10} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

7. You and three of your friends go parasailing for \$128.40. You split the cost evenly. How much does each person pay?

Divide. Check your answer.

8. $8.82 \div 0.6$

9. $75 \div 2.5$

10. $2.94 \div 0.21$

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11. An MP3 player can hold 350 hours of music. Each song on an MP3 player is about 2.5 minutes in length. About how many songs can the MP3 player store?

12. A piece of paper is 0.0075 inch thick. How many sheets of paper will be in a stack that is 2.25 inches high?