

Divide Decimals by Whole Numbers

Guided Practice

Divide. Round to the nearest tenth if necessary. (Examples 1 and 2)

1. $3.6 \div 4 =$

2. $12.32 \div 22 =$

3. $69.904 \div 34 =$

4. Light travels 5.88 trillion miles in one year. How far will light travel in one month? (Examples 1 and 3)

5. Four dozen bagels costs \$30.00. How much change will you receive if you pay for a dozen bagels with a ten-dollar bill? (Examples 2 and 4)

Extra Practice

Divide. Round to the nearest tenth if necessary.

17. $36.8 \div 2 = 18.4$

18. $124.2 \div 9 =$

19. $6.271 \div 4 =$

Homework Help

$$\begin{array}{r} 18.4 \\ 2 \overline{)36.8} \\ \underline{-2} \\ 16 \\ \underline{-16} \\ 08 \\ \underline{-8} \\ 0 \end{array}$$

20. $10.22 \div 14 =$

21. $59.84 \div 32 =$

22. $751.2 \div 25 =$

23. The Franklin Middle School jazz band plans to have a car wash to raise \$468.75 for a new sound system. In the past, they washed an average of 125 cars at each car wash. What should they charge per car so they reach their goal?

24. Marcel Park is weeding the rectangular vegetable garden. The garden has an area of 599.5 square feet. If the garden is 22 feet wide, how long is the garden? Justify your procedure.

Show your work.

Independent Practice

Divide. Round to the nearest tenth if necessary. (Examples 1 and 2)

1. $39.39 \div 3 =$

2. $724 \div 7 =$

3. $118.5 - 5 =$

Show your work.

4. $11.4 \div 19 =$

5. $552 \div 46 =$

6. $336752 - 31 =$