

4-4**Practice: Skills*****Dividing by Decimals***

Divide. Round to the nearest hundredth if necessary.

1. $0.2\overline{)4.86}$

2. $0.7\overline{)2.52}$

3. $1.2\overline{)14.4}$

4. $3.8\overline{)17.1}$

5. $1.32\overline{)3.96}$

6. $34.9\overline{)628.2}$

7. $0.105 \div 0.5$

8. $1.296 \div 0.16$

9. $3.825 \div 2.5$

10. $0.5\overline{)8.253}$

11. $0.8\overline{)0.9944}$

12. $0.32\overline{)1.50048}$

13. $0.75\overline{)13.59}$

14. $1.8\overline{)4.4208}$

15. $4.02\overline{)16.1604}$

16. $160.3639 \div 25.1$

17. $246.3293 \div 13.3$

18. $106.288 \div 6.5$

4-4**Practice: Word Problems*****Dividing by Decimals***

MARATHON For Exercises 1 and 2, use the table that shows course records for the Boston Marathon.

Course Records for the Boston Marathon			
Division	Record-holder	Year	Time (hours)
Men's Open	Cosmas Ndeti	1994	2.121
Women's Open	Margaret Okayo	2002	2.345
Men's Wheelchair	Heinz Frei	1994	1.356
Women's Wheelchair	Jean Driscoll	1994	1.523

1. The Boston Marathon is 26.2 miles. Use the times shown in the table to calculate the miles per hour for each division winner. Round to the nearest thousandth.

2. To the nearest hundredth, how many times greater was the men's open time than the women's wheelchair time?

3. **DRIVING** The Martinez family drove 48.7 miles to the river. It took them 1.2 hours to get there. How fast did they drive? Round to the nearest whole number.

4. **SHOPPING** Nikki is buying some refrigerator magnets for her friends. Her total bill is \$16.80. If magnets are \$0.80 each, how many magnets is she buying?

5. **SCALE MODEL** Matt is making a scale model of a building. The model is 3.4 feet tall. The actual building is 41.48 feet tall. How many times smaller is the model than the actual building?

6. **COOKING** Yori has 14.25 cups of cupcake batter. If each cupcake uses 0.75 cup of batter, how many cupcakes can Yori make?