

Lesson 5: Dividing Decimals by a Whole Number

1. Use Base Ten Blocks to divide.

a) $2.55 \div 5$

b) $1.56 \div 4$

2. The decimal point is missing in each quotient.

Use estimation to place the decimal point.

a) $7.4 \div 4 = 185$

b) $6.12 \div 3 = 204$

c) $2.936 \div 8 = 367$

d) $14.85 \div 5 = 297$

e) $10.323 \div 9 = 1147$

f) $50.72 \div 8 = 634$

3. Estimate to choose the correct quotient for each division question.

Question	Possible Quotients		
a) $9.256 \div 8$	1.157	11.57	115.7
b) $53.92 \div 4$	0.1348	1.348	13.48
c) $8.244 \div 9$	0.916	9.16	91.6

4. The perimeter of each square is given. Find the side length of the square.

a) $P = 4.28$ m

b) $P = 17.52$ cm

5. Divide. Multiply to check your answers.

a) $40.6 \div 5$

b) $7.092 \div 3$

c) $1.968 \div 6$

d) $7.284 \div 6$

6. Adam jogged 1.62 km in 9 min. Cecilia jogged 1.12 km in 7 min. Who jogged farther in 1 min?

7. Cito paid \$13.75 to rent a bicycle for 5 h. His friend Alicia paid \$2.95 each hour to rent a bicycle at a different location for 5 h. Who paid the lesser amount?