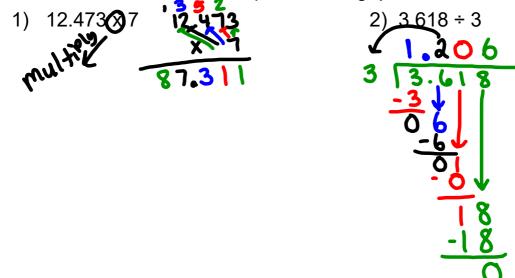


Show work to find the product and quotient. (Use estimation to determine where the decimal place must go)



2) Given 7.005 67, what are the place values for each "7" and how handredthousand this

many times rager is the other?

lones is 100 000 times larger than 7 hundredthousandths



Warm up Grade 6

Date: _____

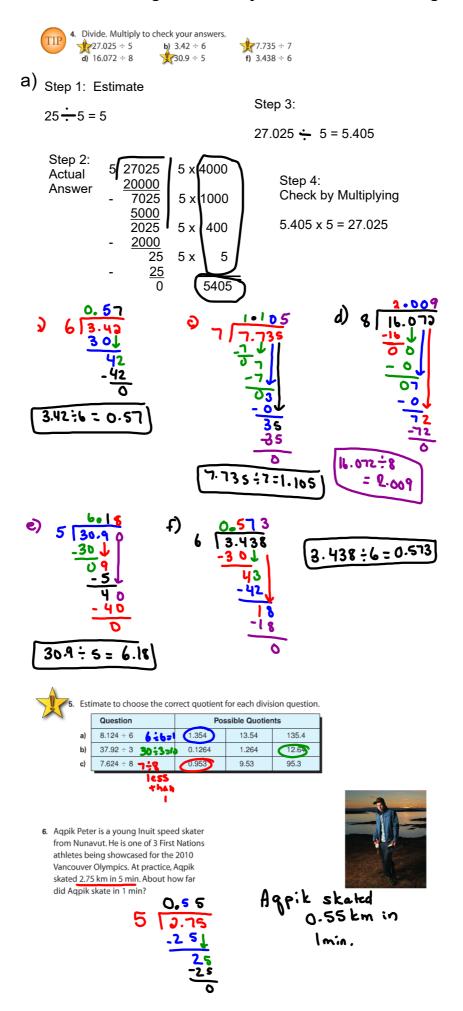
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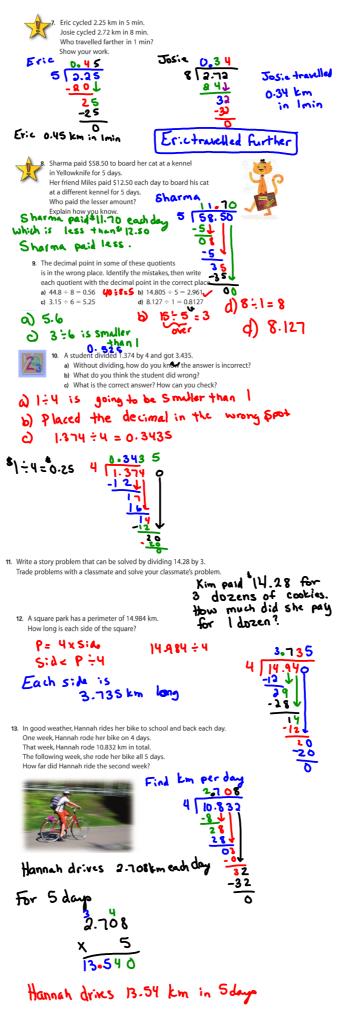
many times larger is one to the other?



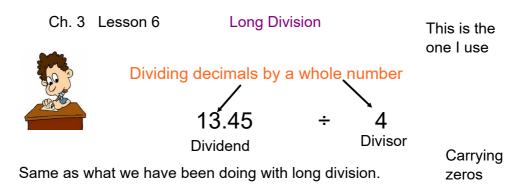
Chapter 3 Decimals Lesson 6 Dividing Decimals by whole numbers carrin@eeeosbdary05,02104@fe.note



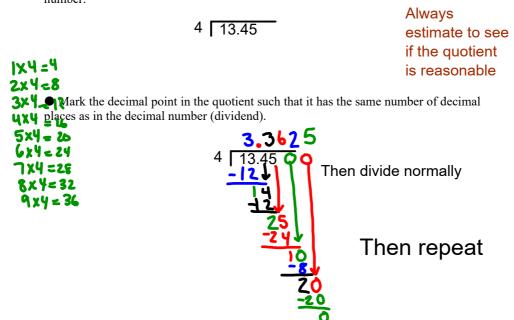
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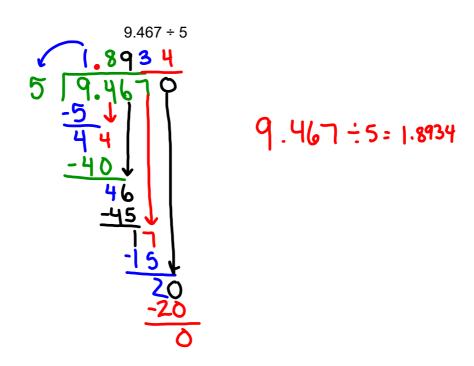


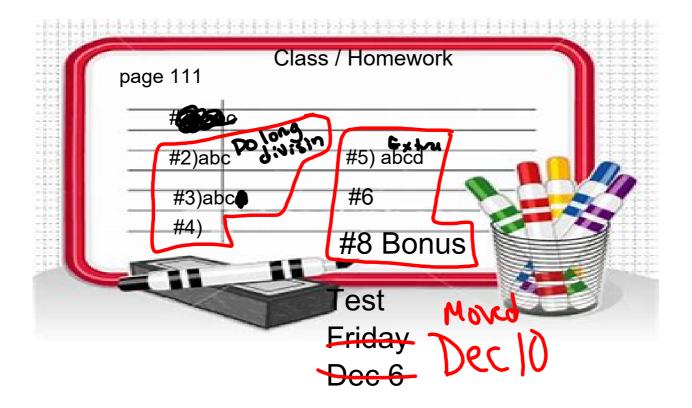
• Divide the decimal number by considering it as a whole number by the given whole number.



If you have a remainder, you can always add zeros to the end of dividend, and it does not change the number.

No remainders but decimal parts





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

	Question	Possible Quotients		
a)	4.4 ÷ 5	0.88	8.8	88
b)	10.32 ÷ 6	0.172	1.72	17.2
c)	87.2 ÷ 4	0.218	2.18	21.8

2. Divide. Estimate to place the decimal point.

a)
$$8.235 \div 6$$

b)
$$12.6 \div 5$$

a)
$$8.235 \div 6$$
 b) $12.6 \div 5$ c) $39.77 \div 2$

3. Divide. Write each quotient to the same number of decimal places as there are in the dividend.

d)
$$1.189 \div 3$$

d)
$$1.189 \div 3$$
 e) $24.73 \div 9$ f) $$26.53 \div 6$

4. In a snail-racing contest, Noba's snail crawled 1.677 m in 5 min. About how far did the snail travel each minute?

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- 5. Check each division below. For each incorrect quotient, explain the error, then write the correct quotient.
 - a) $1.44 \div 6 = 0.24$
- **b)** $$15.97 \div 5 = 3.194
- c) $4.422 \div 3 = 14.74$
- d) $17.27 L \div 3 = 5.756 L$

6. Richard divided a 1.954-L bottle of spicy tomato juice equally among 5 glasses. How much juice is in each glass?

7. Marina packed eight 2.54-L bottles of fruit juice for a 3-day camping trip to Beauvais Lake Provincial Park in Alberta. About how many litres of fruit juice does that allow for each day?



8. Three friends rent a movie for \$6.49 and buy a package of popcorn for \$1.82. They share the cost equally. How much should each person pay? Show your work.