

Name _____

Date _____

1. Divide. Show the division in the right hand column in two steps. The first two have been done for you.

a. $1.2 \div 6 = 0.2$

b. $1.2 \div 60 = (1.2 \div 6) \div 10 = 0.2 \div 10 = 0.02$

c. $2.4 \div 4 =$ _____

d. $2.4 \div 40 =$ _____

e. $14.7 \div 7 =$ _____

f. $14.7 \div 70 =$ _____

g. $3.4 \div 2 =$ _____

h. $0.34 \div 20 =$ _____

i. $0.45 \div 9 =$ _____

j. $0.45 \div 90 =$ _____

k. $3.45 \div 3 =$ _____

l. $34.5 \div 300 =$ _____

2. Use place value reasoning and the first quotient to compute the second quotient. Explain your thought process.

a. $46.5 \div 5 = 9.3$

$46.5 \div 50 = \underline{\hspace{2cm}}$

b. $0.51 \div 3 = 0.17$

$0.51 \div 30 = \underline{\hspace{2cm}}$

c. $29.4 \div 70 = 0.42$

$2.94 \div 7 = \underline{\hspace{2cm}}$

d. $13.6 \div 40 = 0.34$

$13.6 \div 4 = \underline{\hspace{2cm}}$

3. 20 polar bears live at the zoo. In four weeks, they eat 9,732.8 pounds of food altogether. Assuming each bear is fed the same amount of food, how much food is used to feed one bear for a week? Round your answer to the nearest pound.
4. The total weight of 30 bags of flour and 4 bags of sugar is 42.6 kg. If each bag of sugar weighs 0.75 kg, what is the weight of each bag of flour?

Name _____

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1. Divide.

a. $27.3 \div 3$

b. $2.73 \div 30$

c. $273 \div 300$

2. If $7.29 \div 9 = 0.81$, then the quotient of $7.29 \div 90$ is _____. Use place value reasoning to explain the placement of the decimal point.

Name _____ Date _____

1. Divide. Show the division in the right column in two steps. The first two have been done for you.

a. $1.8 \div 6 = 0.3$

g. $0.8 \div 4 =$ _____

b. $1.8 \div 60 = (1.8 \div 6) \div 10 = 0.3 \div 10 = 0.03$

h. $80 \div 400 =$ _____

c. $2.4 \div 8 =$ _____

i. $0.56 \div 7 =$ _____

d. $2.4 \div 80 =$ _____

j. $0.56 \div 70 =$ _____

e. $14.6 \div 2 =$ _____

k. $9.45 \div 9 =$ _____

f. $14.6 \div 20 =$ _____

l. $9.45 \div 900 =$ _____

2. Use place value reasoning and the first quotient to compute the second quotient. Use place value to explain how you placed the decimal point.
- a. $65.6 \div 80 = 0.82$
- $65.6 \div 8 = \underline{\hspace{2cm}}$
- b. $2.5 \div 50 = 0.05$
- $2.5 \div 5 = \underline{\hspace{2cm}}$
- c. $19.2 \div 40 = 0.48$
- $19.2 \div 4 = \underline{\hspace{2cm}}$
- d. $39.6 \div 6 = 6.6$
- $39.6 \div 60 = \underline{\hspace{2cm}}$
3. Chris rode his bike along the same route every day for 60 days. He logged that he had gone exactly 127.8 miles.
- a. How many miles did he bike each day? Show your work to explain how you know.
- b. How many miles did he bike over the course of two weeks?
4. 2.1 liters of coffee were equally distributed to 30 cups. How many milliliters of coffee were in each cup?