



Warm up Grade 6

Date: _____



sept. 23

Divide

1) $42.36 \div 4$

2) $4.5648 \div 6$

$$\begin{array}{r} 10.59 \\ 4 \overline{) 42.36} \\ \underline{-4} \\ 02 \\ \underline{-0} \\ 23 \\ \underline{-20} \\ 36 \\ \underline{-36} \\ 0 \end{array}$$

$$\begin{array}{r} 0.7608 \\ 6 \overline{) 4.5648} \\ \underline{-0} \\ 45 \\ \underline{-42} \\ 36 \\ \underline{-36} \\ 04 \\ \underline{-0} \\ 48 \\ \underline{-48} \\ 0 \end{array}$$

Practice

1. Use Base Ten Blocks to divide.

- a) $6.25 \div 5$ b) $4.24 \div 4$ c) $1.68 \div 3$ d) $3.9 \div 6$

a) $5 \overline{) 6.25}$

b) $4 \overline{) 4.24}$

c) $3 \overline{) 1.68}$

d) $6 \overline{) 3.9}$

2. The decimal point is missing in each quotient.

Use estimation to place each decimal point.

★ $8.2 \div 2 = 4.1$ $8/2 = 4$

c) $1.992 \div 8 = .249$ $2/8 = 0.25$

e) $11.916 \div 9 = 1.324$ $9/9 = 1$

★ $3.81 \div 3 = 1.27$ $3/3 = 1$

★ $9.45 \div 5 = 1.89$ $10/5 = 2$

★ $62.8 \div 8 = 7.85$ $64/8 = 8$

3. Calculate the following

- a) $26.34 \div 8$ b) $15.27 \div 3$ c) $2.304 \div 4$
d) $5.8 \div 8$ e) $8.088 \div 6$ f) $2.316 \div 2$

a) $8 \overline{) 26.34}$

b) $3 \overline{) 15.27}$

c) $4 \overline{) 23.04}$

d) $8 \overline{) 5.800}$

e) $6 \overline{) 8.088}$

f) $2 \overline{) 2.316}$

Finish the following



4. Divide. Multiply to check your answers.

a) $27.025 \div 5$

b) $3.42 \div 6$

c) $7.735 \div 7$

d) $16.072 \div 8$

e) $30.9 \div 5$

f) $3.438 \div 6$

7. Eric cycled 2.25 km in 5 min.
Josie cycled 2.72 km in 8 min.
Who travelled farther in 1 min?
Show your work.

8. Sharma paid \$58.50 to board her cat at a kennel in Yellowknife for 5 days.
Her friend Miles paid \$12.50 each day to board his cat at a different kennel for 5 days.
Who paid the lesser amount?
Explain how you know.



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

	Question	Possible Quotients		
a)	$8.124 \div 6$	1.354	13.54	135.4
b)	$37.92 \div 3$	0.1264	1.264	12.64
c)	$7.624 \div 8$	0.953	9.53	95.3

6. Aqpik Peter is a young Inuit speed skater from Nunavut. He is one of 3 First Nations athletes being showcased for the 2010 Vancouver Olympics. At practice, Aqpik skated 2.75 km in 5 min. About how far did Aqpik skate in 1 min?



Part 2) If needed

1) $88.2 \div 7$ 2) $12.65 \div 4$ 3) $4.864 \div 8$

4) $14.596 \div 9$ 5) $134.82 \div 6$ 6) $7.043 \div 5$

7) $9.654 \div 3$ 8) $18.62 \div 4$ 9) $67.548 \div 6$