## WARM UP GRADE 8 Sept. 29

#### Test Oct. 7

Show work and find the product or the quotient

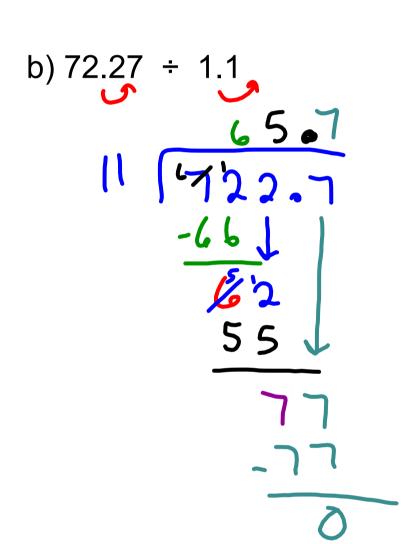
1) a) 
$$25.27 \times 0.56$$
 b)  $72.27 \div 1.1$   $72.2.7$   $\times 0.56$   $\times 0.56$   $\times 0.56$ 

2) Locations to find the quotient  $2.4 \div 0.4$  (Don't need to draw but use terms)

### WARM UP GRADE 8

### Solutions

Show work and find the product or the quotient



2) Use tiles to find the quotient 2.4 ÷ 0.4 (Don't need to draw but use terms)

b) 195.3 ÷ 0.2		976.5	7 195-1=195
e) 31.32 + 0.8	3915	391.5	195-0.27195
c) ~ 3/-/=31			~ 200×5=1000
			or $\approx 2000 \div 2 = 1000$

b) 
$$|95.3 \div 02|$$
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195.3:0.2= 976.5"

$$\begin{array}{c}
39.15 \\
39.15 \\
313.20 \\
-24 \\
73 \\
-72 \\
12 \\
-8 \\
40 \\
-40
\end{array}$$

**Homework Solutions** 

$$\frac{2.11.59}{0.952.16} \longrightarrow \frac{2.4}{9521.6}$$

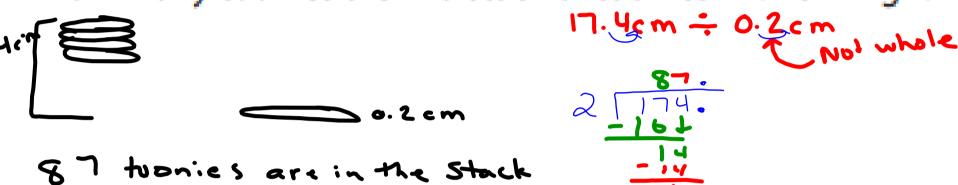
$$\frac{181}{36}$$

# Class/Homewortest in 3 days or so

WS Dividing Decimals 106 & 107
Name: Finish sheet from yesterday then this

A toonie is approximately 0.2 cm thick.

How many toonies are in a stack of toonies 17.4 cm high?



- 8. The area of a large rectangular flowerbed is 22.32 m².
  The width is 0.8 m. What is the length?
- A 0.4-kg bag of oranges costs \$1.34.
  - a) Estimate. About how much does 1 kg of oranges cost?
  - b) What is the actual cost of 1 kg of oranges? How do you know your answer is reasonable?
  - 10. Assessment Focus Alex finds a remnant of landscaping fabric at a garden store.
     The fabric is the standard width, with length 9.88 m.
     Alex needs fourteen 0.8-m pieces for a garden patio.

     a) How many 0.8-m pieces can Alex cut from the remnant?
    - What assumptions did you make?

      Will Alex have all the fabric be peeds? Why or why pet?
    - b) Will Alex have all the fabric he needs? Why or why not?
    - c) If your answer to part b is no, how much more fabric does Alex need?
    - d) Alex redesigns his patio so that he needs fourteen 0.7-m pieces of fabric. Will the remnant be enough fabric? Explain.



a) 8 tenths - 1 tenth = 8
b) 12 tenths - 3 tenths = 4 (4 groups)
c) 27 tenths - 6 tenths
27 tenths - 3 tenths = 9 groups
50 4½ groups of 6
4.5
d) 22 tenths - 4 tenths
20 tenths - 4 tenths = 5
24 tenths - 4 tenths = 6

1. Use Base Ten Blocks to divide. Record your work on grid paper.

b) 1.2 + 0.3 d) 2.7 + 0.6 d) 2.2 + 0.4

2. Divide. Describe any patterns you see.

a) 
$$134.5 + 10/2.456$$
)  $124.5 + 0.1 /2.46$   
 $124.5 + 100/.246$   $124.5 + 0.01 /2.460$   
 $134.5 + 100000 /246124.5 + 0.001 /2.4600$   
 $124.5 + 100000$   $124.5 + 0.0001 /2.4600$   
 $0.0/246$ 

Which one is easiest to calculate? Explain.

They are basically the same but the decimals are in different places

Toonie is 0.2 cm thick Howmany toonies are in a stack of touries 17.4 cm high? 0.2 [17.4] -16 1 There is 87 tooniss Area = 22.32 m2 w:dtn = 0.8 m length=? length - Area : width length =  $22.32 \div 0.8$ 8 223.2 0.8 [22.32 -> length is 27.9 m 9) 0.4kg cost 1.34

a) Estimate 0.4 is close to 0.5 kg 2x0.5 = 1kg thus Estimate rost 2× 1.34 ≈ 2.68 b) How many 0.4kg are in 1kg?

0.4 1 -> 4 10.4 8 20 - 20 2.5 X cost

1.34

X 2.5 -670 +2680

3,3 50

Actual cost for Ikg is \$3.35 d) Suppose you spend \$10 on orange. What mass did work you by 1?  $- \times 1.34 = 10$  or = 1.462686567

groups of 0.4ks use calculator 7.46,2686567 x 0.4 kg = 2.98507

10) Fabric length = 9.88m Alex needs 14 , 0.8 m pieces a) How many 0.8 pieces can Alex cut from the remnet.? 9.88 + 0.8 0.8 9.88 3 8 98.80 Alex can get 12.35 out of the fabric b) Will Alex have all the fabric he needs? No, he will need more How much more is needed? c) 1.2 b \_ 9.88 X 0.8 hus 9.88 1.32 11.2 needed Nerd 1.32 m more 9 51.65 pieces x 0.8 m length of 143. 20 pica - 12.35 have pig 1.65 pirannerles 13 20 Need 1.32 m more perds 14, v.7 m picces of fabric

1. 65 piros nerted

Nords

Nor

 $\frac{3}{3} \times 0.12 = \frac{0.36}{50}$   $\frac{3}{50} \times 0.12 = \frac{0.36}{12}$   $0.36 \div 3.0 = 0.12$ 

N

12) Alicia earned 346.88 in 37.5 hours

How much per hour?

37.5 [346.88] 

375 [346.88] 

Alicia earns 9.25 per hour

1875 [1875]

1875

338.57  $\frac{3}{5}$   $\frac{5}{4}$   $\frac{5}{4}$   $\frac{5}{6}$   $\frac{5}{4}$   $\frac{5}{6}$   $\frac{5}{4}$   $\frac{5}{6}$   $\frac{5}{4}$   $\frac{5}{6}$   $\frac{5}{6}$   $\frac{5}{4}$   $\frac{5}{6}$   $\frac{7}{5}$   $\frac{1}{2}$   $\frac{2}{3}$   $\frac{7}{7}$   $\frac{7}{3}$   $\frac{7}{3}$   $\frac{7}{3}$   $\frac{7}{3}$ 

3.3 857

d) 2370 ÷ 70 237÷7 = 37.857