Warm up Grade 6

Date: Nov. 21

1)Given 51.004 201

a)Write the word for the above(so how you would read)

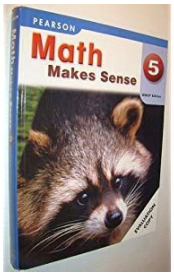
Fifty-one and four thousandths two hundred one millionths

b) Write the expanded form of the above number. (Decimal place values)

$50 + 1 + 0.004 + 0.0002 + 0.000\,001$

Day 2 of review

Grade Five	Grade Six
N5 Demonstrate an understanding of multiplication (2-digit by 2-digit) to solve problems. **N6** Demonstrate, with and without concrete materials, an understanding of division (3-digit by 1-digit) and interpret remainders to solve problems.	**N8** Demonstrate an understanding of multiplication and division of decimals (1-digit whole number multipliers and 1-digit natural number divisors).



Use Long multiplication

a) 57 x 88

5 7
x 8 8
4 5 6
+ 4 5 6 0
5 0 1 6

b) 324 x 7

1 2
3 2 4
x 7
2268

c) 125 x 62

1 3
1 2 5
x 6 2
2 5 0
+ 7 5 0 0
7 7 5 0

Use Box method

d) 74 x 15

	70	4
10	70x10 = 700	10x4 = 40
5	5x70 = 350	5x4 = 20

700
350
40
+ 20
1110

74 x 15 = 1110

d) 147 x 28

	100	40	7
20	100x20 = 2000	20x40 = 800	20x7 = 140
8	8x100 = 800	8x40 = 320	8x7 = 56

2000
+ 800
800
320
140
56
4116

Divide(Show work)

e) ~~536~~ 536 ÷ 8

= 67

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   67
8 | 536
  -48
   56
  -56
    0
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f) 350 ÷ 4

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   87
4 | 350
  -32
   30
   28
    2R
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Worksheet 2 digit or more multiplication

Finish worksheet
FROM YESTERDAY

Show work with long multiplication

1) 67
x 24

2) 29
x 31

3) 78
x 42

4) 85
x 75

5) 23
x 18

6) 12
x 56

7) 285
x 18

8) 129
x 64

Calculate product with area model (area model)

9) 92 x 48

10) 27 x 86

11) 345 x 62

Worksheet 2 Continues Quotient

Show work with long division (Show any remainders)

1) 458 ÷ 7

2) 240 ÷ 9

3) 187 ÷ 2

4) 936 ÷ 5

5) 3904 ÷ 4

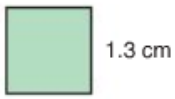
Practice

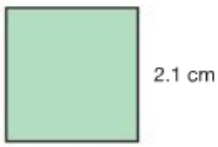
1. Estimate each product or quotient. Which strategies did you use?
   Tell if your estimate is an overestimate or an underestimate.
   a) 7.01×9 b) 3.8×7 c) 11.85×5 d) 19.925×4
   e) $9.8 \div 5$ f) $12.31 \div 2$ g) $56.093 \div 7$ h) $225.3 \div 5$

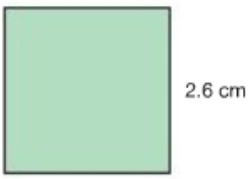
2. Waldo paid $29.85 for 3 admission tickets to the Calgary Tower.
   Estimate the cost of one admission ticket.

3. A pair of ice cleats for ice fishing costs $14.89.
   About how much will 6 pairs of ice cleats cost?
   How did you find out?

4. Estimate the perimeter of each square.
   Tell if your estimate is an overestimate or an underestimate.
   How do you know?

a) 

b) 

c) 

5. Estimate the side length of a square with perimeter:
   a) 24.2 cm b) 29.8 cm c) 35.6 cm

6. a) Is 9.47×5 greater than, or less than, 45?
   How can you estimate to find out?
   b) Is $23.86 \div 4$ greater than, or less than, 6?
   How can you estimate to find out?
   Show your work.

7. Copy and complete. Write $>$, $<$, or $=$.
   How did you decide which symbol to use?
   a) $5.6 \times 2 \square 1.4 \times 4$ b) $4.8 \div 2 \square 15.5 \div 5$