27.362

Name: _____

Grade 7 – Unit 3 Part 1
Fractions and Decimals Test REVIEW

Part A – Multiple Choice

162.397

____ 1. Round the following 162.397to the hundredths place?
(a) 200 (b) 162 (c) 162.40 (d) 162.39

____ 2. Use front estimation to add the following 123.45 + 2.7
(a) 125 (b) 126 (c) 126.15 (d) 120

123 + 2 = 125

answer needs 3 places after decimal

____ 3. 62.7 x 12.16 would have what as the solutions? (Use decimal place or estimation)
(a)7624.32 (b) 762.432 (c) 762432 (d) 76.2432

or 62 x 10 = 620

____ 4. Fifteen thousandths is written as:
(a) 15 000 (b) 15 (c) 0.15 (d) 0.015

____ 5. Estimate 14.8 + 4.1 using rounding to the ones place.
(a) 8.9 (b) 18 (c) 19 (d) 20

15 + 4
= 19

____ 6. In the question, 9.32 – 6.85 ÷ 7 + 21 x6.7, which operation would you do first?
(a) addition (b) subtraction (c) multiplication (d) division

B & DMAS

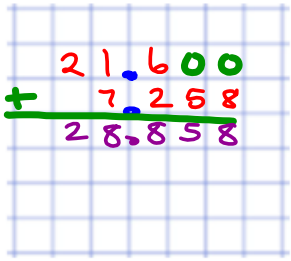
Part B – You must show work in order to obtain full value.

0 tenths
hundredths

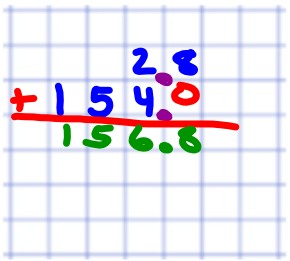
1. Round each decimal to the hundredths place.
   (a) 7.649 (b) 12.198 (c) 0.1244

7.65 12.20 0.12

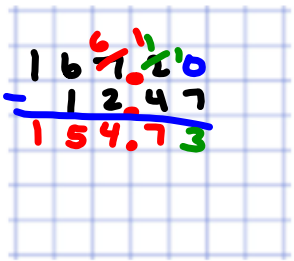
2. Add the following
   a) 21.6 + 7.258



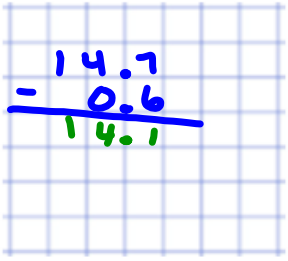
   b) 2.8 +154.



3. Subtract the following
   a) 167.2 – 12.47



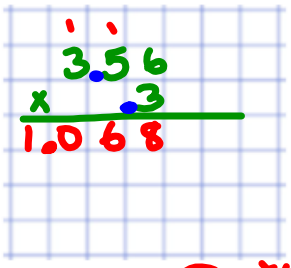
   b) 14.7 – 0.6



5) Find the actual answer

(a) 3.56 x 0.3

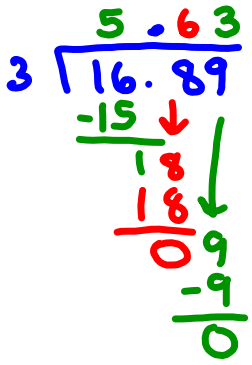
hint
356 x 3



(b) 1.689 ÷ 0.3 →

16.89 ÷ 3

= 5.63



6. Evaluate(no calculators).

(a) 31 – (7+5) ÷ 4 +10

BEDMAS

31 - 12 ÷ 4 + 10

31 - 3 + 10

28 + 10

38

BEDMAS

(b) $10 + 61.2 \times 0.3 + 12.96 \div 0.4 - 1$ (Show work on side of the paper)

$10 + 18.36 + 12.96 \div 0.4 - 1$

$10 + 18.36 + 32.4 - 1$

$28.36 + 32.4 - 1$

$60.76 - 1$

59.76

Step 1

61.2×0.3

18.36

Step 2 $12.96 \div 0.4$

$4 \overline{)129.6} = 32.4$

-12 | 09

-8 | 16

16 | 0

Step 3 $10 + 18.36 = 28.36$

Step 4

$28.36 + 32.40$

60.76