


Another Grade 7 Math Test Review

A-2: Students will be able to add, subtract, multiply and divide decimals and to solve problems using these operations.

1. Estimate and then calculate each sum or difference.

a) $2.876 - 0.975$

b) $71.382 + 6.357$

c) $9.7 - 1.36$

d) $125.12 + 37.84$

2. The tallest building in the world is the Taipei 101 in Taiwan. It's height is 0.509 km. The tallest building in North America is the Sears Tower in Chicago. It's height is 0.442 km. What is the difference in the heights of the buildings?

3. Four classes of students ~~from different schools~~ are planning a field trip. The total cost of the trip is \$1067.50. So far the classes have raised: \$192.28, \$212.09, \$234.02, \$168.72.

a) How much money have the classes raised so far?

b) How much more money do the classes need to raise for the trip?

4. Find two numbers with a difference of 136.287.

5. A student subtracted 0.373 from 4.81 and got the difference of 0.108.

a) What mistake did the student make?

b) Show the correct answer.

6. Estimate the place the decimal point in each product.

a) $9.3 \times 0.8 = 744$

b) $3.62 \times 1.3 = 4706$

c) $11.25 \times 5.24 = 5895$

7. Multiply.

a) 6.3×1.8

b) 0.37×0.26

c) 3.52×2.4

d) 1.234×0.9

8. The product of 2 decimals is 0.36. What might the decimals be?

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

<u>Question</u>	<u>Possible Quotients</u>		
a) $59.5 \div 5$	119	11.9	1.19
b) $195.3 \div 0.2$	9765	976.5	97.65
c) $31.32 \div 0.8$	3915	391.5	39.15

10. Divide.

a) $1.5 \div 0.6$

b) $2.24 \div 0.7$

c) $1.28 \div 0.8$

d) $2.16 \div 0.09$

11. A toonie is approximately 0.2 cm thick. How many toonies are in a stack of toonies 17.4 cm high?



A-4: Students will be able to add and subtract fractions and mixed numbers.

1. Add or Subtract. Simplify your final answer. Any improper fractions should be written as mixed numbers in simplest terms. Show your steps!!!!

a) $\frac{1}{5} + \frac{1}{4} + \frac{1}{3}$

b) $\frac{13}{5} - \frac{8}{9}$

c) $2\frac{2}{7} + 5\frac{1}{8}$

d) $\frac{15}{4} + \frac{13}{3} + 7\frac{1}{8}$

e) $6\frac{9}{10} - \frac{17}{5}$

f) $2\frac{1}{6} + 3\frac{7}{8} - 4\frac{3}{4}$

2. Replace the with an improper fraction or mixed number to make the statement true.

a) $3\frac{5}{8} - \text{} = 2\frac{1}{2}$

b) $\text{} - \frac{6}{11} = 2\frac{3}{22}$