**Grade 7 Math Quiz Practice**

**Quiz Date: October 29, 2020**

1. Estimate the following:
2. 3.86 + 1.431 =
3. 12.2 – 9.65 =
4. 2.9 × 1.8 =

d) 59.5 x 0.5 =

2) Estimate and solve the following:

1. 27.53 + 13.6 b) 33.13 - 2.3 c) 14.3 + 9.9 d) 25.3 – 6.35

 e) 24.6 × 2.7 f) 24.2 x 0.3 g) 0.4 x 1.3 h) 0.8 x 0.8

3)You bought 3 apples at $0.79 each, a loaf of bread for $1.29

 and milk for $5.75. If you gave the cashier $20.00, how much

 change would you get?

 a) $25.97

 b) $12.17

 c) $10.59

 d) $9.41

4) Create a multiplication problem with a product of 5.6

5) Explain how you can use estimation to place the decimal point in each of the following answers.

 a) 54.76 + 35.65 = 9 0 4 1

b) 32.44 × 1.11 = 3 6 0 0 8 4

6) Carole used her calculator to complete each of the following calculations. Should she accept her answer in each case? Why or why not?

 a) 24.29 × 3.8 = 923.02

 b) 8.9 × 0.4 = 3.56

7) Mary said to Sharon, “I’m thinking of a number that when multiplied by

8.7 gives a product of about 7.2.” Give five numbers that Sharon could

have used to answer Mary’s question. Show how Sharon’s estimates

are reasonable.

8) One kilogram of cherries costs $4.29. Becky bought 4.1 kg of cherries.

 The clerk charged Becky $19.96. Becky knew immediately that this was incorrect.

1. How did Becky know immediately that the clerk made a mistake?
2. How much should the clerk have charged Becky for the cherries?

Show your work.