Grade 7 Ch 3 Extra Practice 3

Lesson 3.3: Adding and Subtracting Decimals

1. Use front-end estimation to estimate each sum or difference.
   a) 9.043 + 0.9 + 1.15
   b) 2.09 + 4.6 + 1.8

   c) 9.6 – 7.4
   d) 50.4 – 5.04

2. Add or subtract. Use estimation to check the answers are reasonable.
   a) 7.56 + 0.07 + 122.7
   b) 7.85 – 6.93

   c) 2.2 – 1.68
   d) 83.07 + 0.42 + 7.7

3. Althea bought 3.6 kg of beef, 1.7 kg of cheese, 3 kg of fish and 2.28 kg of rice. What was the total mass she had to carry?

4. The Andersons can take one of two routes to their cabin on the lake. If they take the highway route, the distance from their home to the cabin is 156.7 km. If they take the more scenic route, the distance is 189.4 km. How much longer is the scenic route than the highway route?

5. One summer, the average price for a litre of gasoline in Edmonton was $1.147 while the average price for a litre of gasoline in Victoria was $1.234. How much more did a litre of gasoline cost in Victoria than in Edmonton that summer? Write your answer to the nearest cent.

6. Find two numbers with a sum of 254.791.

7. A student added 2.35 + 4.256 and got the sum 4.491.
   a) What mistake did the student make?

   b) What is the correct answer?

Attachments

Grade 7 Ch 3 Extra Practice 3 decimal PDF.pdf