tutorified

Estimate – Sum and Difference

1. Estimate the following after rounding off to the nearest whole number.

   a.   5.2
       + 4.8

   b.   13.2
       + 7.1

   c. 10.5
       - 9.3

   d. 8.35
       - 4.24

   e. 2.49
       + 4.28

   f. 23.54
       + 17.14

   Solution:
   a.
   b.
   c.
   d.
   e.
   f.

2. Round to the nearest tens and then estimate.

   a.   25.68
       + 54.87

   b.   13.24
       + 7.18

   c. 15.98
       + 79.35

   d. 48.37
       - 42.29

   e. 62.49
       + 14.28

   f. 13.59
       +7.15

   Solution
   a.
   b.
   c.
   d.
   e.
   f.

3. Use the table to answer the questions that follow.

   a. Estimate the difference between the weights of zebra and lion.
   b. What is the estimated weight of the lion and tiger combined?
   c. What is the estimated weight if you combined the weights of three animals?

Weight of Animals	
Animal	Weight (kg)
Lion	189.74
Tiger	190.84
Zebra	204.96

   Solution:
   a.   b.   c.

4. Taylor had $147.90. Then she spent $42.82 on sneakers. Then Taylor earned $53.65 by winning a race in her new sneakers. Estimate how much money Taylor has left.
   a. $160   b. $20
   b. $60   c. $150

   Solution:

5. Explain how to determine if the reasonable sum of $64.20, $47.89, and $95.80 is $210.

   Solution:

Estimate – Sum and Difference

1.
   a. 10
   b. 20
   c. 2
   d. 4
   e. 6
   f. 41
2.
   a. 80
   b. 20
   c. 100
   d. 10
   e. 70
   f. 20
3.
   a. 10 kg
   b. 380 kg
   c. 580 kg
4. A
5. Round each number to the nearest tens and then add. Hence, $60 + $50 + $100 = $210.