-3 13/16

Name: Loz Date: 3-12-2021

Lesson 9.5 Estimating Decimals

Round each decimal to the nearest whole number. Then estimate the result.

1. $9.99 + $5.99

$10.00 + 6.00 = $16.00

9.99 = 10.00

5.99 = 6.00

2. $49.50 + $19.65

$50.00 + 20.00 = 70.00

19.65 = 20.00

49.50 = 50.00

3. $99.59 − $19.95

$100.00 − 20.00 = 80.00

4. $89.90 − $20.25

$90.00 − 20.00 = 70.00

5. 9.9 × 4.6

10 × 5 = 50

6. 39.7 × 7.6

40 × 8 = 320

7. 9.4 × 30.3

30 × 9 = 270

8. 34.8 ÷ 5.4

135 × 5 = 175

9. 87.7 ÷ 7.8

11

8 | 88

−8

08

−8

0

10. 96.49 ÷ 3.9

24

4 | 96

−8

16

−16

0

Name: L07 Date: 3-18-2021

Round each number to the nearest tenth. Then estimate the result.

11. 9.48 km + 13.63 km

9.48 = 9.50 13.60
13.63 = 13.60 + 9.50
23.1 = 23

12. 8.07 kg − 3.79 kg

8.07 = 8.1
3.79 = +3.8
11.9 = 12

13. 7.56 kg × 9

7.56 = 7.60 × 9 = 68.4 = 68

14. 9.64 L ÷ 8

9.64 = 9.6 1.2
1.2
8 | 9.6
−8
1 6
−1 6
0

Solve. Show your work.

15. Each tin of biscuits is sold for $4.95. Estimate the cost of 4 tins of biscuits.

4.95 = 5.00

$5.00
× 4
20.00

20.00

16. Vivien's handspan measures 18.5 centimeters. Estimate the number of times Vivien uses her handspan to measure a length of 1 meter 75 centimeters.

1 2 3 4 5 6 7
18.5, 37, 55.5, 73, 91.5, 110, 128.5,
8 9 10
147, 165.5, 184

It will take 10 time to measure a length of 1 meter and 75 centimeters