**Unit - Operations with Decimals**

**Answers:**

**Adding and Subtracting Decimals**

**1. a)** 130.33 **b)** 0.92 **c)** 0.52 **d)** 91.19

**2.** 10.58 kg

**3.** $0.09

**4. a)** The student did not align the digits correctly. The student did not add digits with the same place value.

**b)** 6.606

**Multiplying Decimals**

**5. a)** 7 × 2 = 14, 18.25 **b)** 7 × 0.5 = 3.5, 2.76 **c)** 1 × 1 = 1,0.81

**6.** $93.98

**7.** Answers will vary. For example: 0.6 × 0.8; 0.12 × 4

**Dividing Decimals**

**8. a)** 7.000 **b)** 155.75 **c)** 12.60

**9. a)** 31.5 **b)** 153.9 **c)** 9

**10.** Assume that no wood is lost when each cut is made.   
In practice, this does not happen.

**a)** 6 boards **b)** 1.4 m **c)** 0.7 m

**11.** $29.99

**Order of Operations with Decimals**

**12. a)** 2.5 **b)** 30.9

**13. a)**13.428 **b)** 97.75

**14. a)** 84.51 **b)** 161.29 **c)** 14.477