Worked answers | Decimals

Addition/subtraction

6 questions | 12 marks

Equivalent correct methods earn the corresponding marks.

1. Calculate $8.4 + 2.67$. [2 marks]

$8.40 + 2.67 = 11.07$.

Answer: 11.07.

2. Calculate $15.03 - 6.8$. [2 marks]

$15.03 - 6.80 = 8.23$.

Answer: 8.23.

3. Calculate $3.075 + 0.96$. [2 marks]

Align thousandths: $3.075 + 0.960 = 4.035$.

Answer: 4.035.

4. Calculate $10 - 2.478$. [2 marks]

$10.000 - 2.478 = 7.522$.

Answer: 7.522.

5. A rope is made by joining lengths of 2.85 m and 1.975 m, with no overlap. Find the total length. [2 marks]

$2.850 + 1.975 = 4.825$.

Answer: 4.825 m.

6. Harper says $6.4 + 0.28 = 0.92$. Explain the error and give the correct answer. [2 marks]

Harper treated 6.4 as 0.64. The answer must be greater than 6.4.

Answer: 6.4 means 6.40, so the correct sum is 6.68.