

Year 6 Measurement - Answers

Q1. Award **TWO** marks for all three values correct as shown:

banana

2cm 20cm 2mm 2m 20m

apple

2g 20kg 200kg 200g 2kg

fruit juice

2ml 2l 20ml 200ml 20l

If the answer is incorrect, award **ONE** mark for two correct measurements.

Accept alternative unambiguous indications, eg correct value filled in. **Up to 2m**

[2]

Q2. Amounts circled as shown:



Both amounts must be correct for the award of the mark.

Accept alternative unambiguous indications such as underlining or ticking.

[1]

Q3. Award **TWO** marks for the correct answer of 234

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $331 + 295 = 626$
 $860 - 626$

OR

- $860 - 331 = 531$ (error)
 $531 - 295 = 236$

Answer need not be obtained for the award of **ONE** mark.

[2]

Q4. (a) 83 mm **OR** 8 cm 3 mm **Do not** accept 8.3 mm 1
(b) 29 mm **OR** 2 cm 9 mm **Do not** accept 2.9 mm 1

[2]

Q5. 50

[1]

Q6. All capacities in the correct order, as shown.

80 ml, $\frac{1}{2}$ litre, 900 ml, 1 litre

Accept missing units and/ or conversions, eg. 500 g provided the intention is clear

[1]

Q7. Award **TWO** marks for the correct answer of 0.15

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

• $1\frac{1}{4} = 1.25$

$1.4 - 1.25 = 0.25$ (error)

OR

• $1\frac{1}{4} \times 1000 = 1250$

$1400 - 1250 = 150$ (error)

$150 \div 1000$

*Accept for **TWO** marks an exact equivalent fraction, e.g. $\frac{3}{20}$*

*For the award of **TWO** marks, the answer must be in kilograms.*

*Answer need not be obtained for the award of **ONE** mark.*

*Award **ONE** mark for an answer of 150*

*Any conversion of units, fractions or decimals must be a correct method of conversion seen **OR** a correct conversion for the award of **ONE** mark.*

*Misreads are **not** allowed.*

Up to 2m

[2]

Q8. Award **TWO** marks for the correct answer of 2,450

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

• $8 \times 25 = 200$

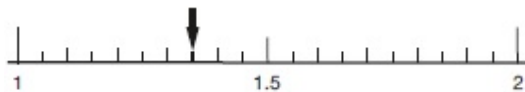
$2250 + 200$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]

Q9. Award **TWO** mark for an arrow drawn to 1.35 kg, as shown:



Accept alternative unambiguous positive indication of the correct answer.

[1]

Q10. Award **TWO** marks for the correct answer of 99(kg)

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $8 \times 4 = 32$
 $2 \times 13 = 26$
 $4 \times 6.5 = 26$
 $6 \times 2.5 = 15$
 $32 + 26 + 26 + 15$

Accept for **TWO** marks, 99,000 g as the final answer in working and the answer box blank **OR** 99,000 in the answer box where the kg has been replaced with grams (g).

Accept for **ONE** mark 99,000 kilograms (kg) in the answer box **OR** as the final answer in working and the answer box blank.

Answer need not be obtained for the award of **ONE** mark.

Up to 2m

[2]

Q11. Award **TWO** marks for correct answer of 35(g)

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $870 - 30 = 840$
 $840 \div 24$

OR

- $870 - 30 = 850$ (error)
 $850 \div 24 = 35 \text{ r } 10$

Answer need not be obtained for the award of **ONE** mark.

If the pupil reaches an answer with a remainder and subsequently rounds to the nearest integer value either side, then the method remains appropriate for the award of **ONE** mark, e.g.

$$840 \div 24 = 36 \text{ r } 10$$

Acceptable rounded answers would be 36 **OR** 37

Up to 2m

[2]

Q12. Award **TWO** marks for the correct answer of 40

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, e.g.

- $2.6 \times 1,000 = 2,600$
 $2,600 \div 65 =$
- $2.6 \div 0.065 =$

Answer need not be obtained for the award of **ONE** mark.

Do not accept an incorrect conversion or no conversion of units, e.g.

- $260 \div 65 =$
- $2.6 \text{ kg} \div 65 \text{ g}$

Up to 2m

[2]