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Measure word problems: answers

All Add and subtract lengths, masses and volumes.

- | | |
|---|---|
| 1 135 cm $1\text{ m} + 35\text{ cm} = 135\text{ cm}$ ($1\text{ m} = 100\text{ cm}$) | 2 1350 g $1\text{ kg} + 350\text{ g} = 1350\text{ g}$ ($1\text{ kg} = 1000\text{ g}$) |
| 3 1700 ml $3\text{ l} - 1300\text{ ml} = 1700\text{ ml}$ ($1\text{ l} = 1000\text{ ml}$) | 4 85 cm $3\text{ m} - 215\text{ cm} = 85\text{ cm}$ ($1\text{ m} = 100\text{ cm}$) |
| 5 850 g $3\text{ kg} - 2150\text{ g} = 850\text{ g}$ ($1\text{ kg} = 1000\text{ g}$) | 6 3100 ml $3\text{ l} + 100\text{ ml} = 3100\text{ ml}$ ($1\text{ l} = 1000\text{ ml}$) |
| 7 35 cm $55\text{ cm} - 20\text{ cm} = 35\text{ cm}$ | 8 350 g $550\text{ g} - 200\text{ g} = 350\text{ g}$ |
| 9 100 ml $350\text{ ml} - 250\text{ ml} = 100\text{ ml}$ | 10 140 cm $4\text{ m} - 260\text{ cm} = 140\text{ cm}$ ($1\text{ m} = 100\text{ cm}$) |
| 11 1400 g $4\text{ kg} - 2600\text{ g} = 1400\text{ g}$ ($1\text{ kg} = 1000\text{ g}$) | 12 3550 ml $4\text{ l} - 450\text{ ml} = 3550\text{ ml}$ ($1\text{ l} = 1000\text{ ml}$) |

Most Solve decimal problems with lengths, masses and volumes.

- | | |
|---|---|
| 1 5.31 m $6.10\text{ m} - 0.79\text{ m} = 5.31\text{ m}$ | 2 8.18 kg $8.99\text{ kg} - 0.81\text{ kg} = 8.18\text{ kg}$ |
| 3 20.64 litres $8 \times 2.58\text{ litres} = 20.64\text{ litres}$ | 4 18.48 m $7 \times 2.64\text{ m} = 18.48\text{ m}$ |
| 5 12.47 kg $8.18\text{ kg} + 4.29\text{ kg} = 12.47\text{ kg}$ | 6 4.54 litres $5.29\text{ litres} - 0.75\text{ litres} = 4.54\text{ litres}$ |
| 7 28.17 m $9 \times 3.13\text{ m} = 28.17\text{ m}$ | 8 4.65 kg $8.09\text{ kg} - 3.44\text{ kg} = 4.65\text{ kg}$ |
| 9 1.77 litres $3.54\text{ litres} \div 2 = 1.77\text{ litres}$ | 10 14.93 m $9.12\text{ m} + 5.81\text{ m} = 14.93\text{ m}$ |
| 11 11.06 kg $7 \times 1.58\text{ kg} = 11.06\text{ kg}$ | 12 17.57 litres $7 \times 2.51\text{ litres} = 17.57\text{ litres}$ |

Some Calculate and convert between units.

- | | |
|---|--|
| 1 3500 g $1.75 \times 2 = 3.5\text{ kg} = 3500\text{ g}$ | 2 500 g $1 \div 2 = 0.5\text{ kg} = 500\text{ g}$ |
| 3 1.257 litres $1077 + 180 = 1257\text{ ml} = 1.257\text{ litres}$ | 4 2827 ml $3\text{ litres} = 3000\text{ ml}; 3000 - 173 = 2827\text{ ml}$ |
| 5 2.827 litres $3\text{ litres} = 3000\text{ ml}; 3000 - 173 = 2827\text{ ml} = 2.827\text{ litres}$ | 6 200 cm $0.5 \times 4 = 2\text{ m} = 200\text{ cm}$ |
| 7 10 cm $0.5 \div 5 = 0.1\text{ m} = 10\text{ cm}$ | 8 1.33 metres $26 + 107 = 133\text{ cm} = 1.33\text{ metres}$ |
| 9 983 g $2\text{ kg} = 2000\text{ g}; 2000 - 1017 = 983\text{ g}$ | 10 0.98 metres $2\text{ km} = 2000\text{ m}; 2000 - 102 = 1898\text{ m} = 0.98\text{ metres}$ |
| 11 1650 cm $2.75 \times 6 = 16.5\text{ m} = 1650\text{ cm}$ | 12 85 cm $5.95 \div 7 = 0.85\text{ m} = 85\text{ cm}$ |

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