

LO: I can solve word decimal problems.

- 1) Peter cuts a piece of string into three lengths. One is 4.26cm long, one is 7.54cm long and the third is 3.90cm long. How long was the string before it was cut?
- 2) Mary joins four lengths of wood together. One is 17.41cm long, one is 23.29cm long, one is 16.07cm long and the fourth is 21.97cm long. How long is that altogether?
- 3) I have three bags of sweets. One weighs 64.17g, one weighs 58.29g and the third weighs 68.47g. How much do they weigh altogether?
- 4) Sarah has four friends. Lauren is 1.54m tall, Sophie is 1.50m tall, Kristy is 1.52m tall and Natalie is 1.49m tall. If they all stood on top of each other how high would they be?
- 5) Bill, Sarah and Joshua each have full drinks bottles. Bill bottle contains 33ml, Sarah bottle contains 55ml and Joshua's bottle contains $\frac{1}{4}$ of a litre. How much drink do they have altogether?
- 6) Allan runs 7.7km on Monday, 6.5km on Tuesday and 9.35km on Wednesday. Find the total of his runs.
- 7) If he ran the same the next week but also did 8.4km on Thursday, 10.2 km on Friday, 8.45km on Saturday and 5km on Sunday, what would the total be for the week?
- 8) Mrs. Warburton weighs four suitcases ready for her holidays. Hers weighs 20.7kg, Mr. Warburton's weighs 19.8kg, Sarah's weighs 28.2kg and Allan's weighs 12.5kg. What is the sum of the weight of the suitcases?
- 9) In a gymnastics competition Lizzie scored 12.6 on vault, 11.9 on bars, 12.7 on beam and 12.9 on floor. What is her total score?
- 10) Mrs. Warburton went on a diet. In week one she lost 2.5kg, in week two she lost 1.75kg, in week three she lost 2.75kg and in week four she got fed up, ate lots of chocolate and gained 0.66kg. How much did she lose altogether?

LO: I can solve word decimal problems - Answers

- 11) Peter cuts a piece of string into three lengths. One is 4.26cm long, one is 7.54cm long and the third is 3.90cm long. How long was the string before it was cut? - **15.70 cm**
- 12) Mary joins four lengths of wood together. One is 17.41cm long, one is 23.29cm long, one is 16.07cm long and the fourth is 21.97cm long. How long is that altogether? - **78.74 cm**
- 13) I have three bags of sweets. One weighs 64.17g, one weighs 58.29g and the third weighs 68.47g. How much do they weigh altogether? **190.93 g**
- 14) Sarah has four friends. Lauren is 1.54m tall, Sophie is 1.50m tall, Kristy is 1.52m tall and Natalie is 1.49m tall. If they all stood on top of each other how high would they be? **6.05 m**
- 15) Bill, Sarah and Joshua each have full drinks bottles. Bill bottle contains 33ml, Sarah bottle contains 55ml and Joshua's bottle contains $\frac{1}{4}$ of a litre. How much drink do they have altogether? **338ml or 0.338 Litre**
- 16) Allan runs 7.7km on Monday, 6.5km on Tuesday and 9.35km on Wednesday. Find the total of his runs. **23.55 km**
- 17) If he ran the same the next week but also did 8.4km on Thursday, 10.2 km on Friday, 8.45km on Saturday and 5km on Sunday, what would the total be for the week? **55.60 km**
- 18) Mrs. Warburton weighs four suitcases ready for her holidays. Her suitcase weighs 20.7kg, Mr. Warburton's weighs 19.8kg, Sarah's weighs 28.2kg and Allan's weighs 12.5kg. What is the sum of the weight of the suitcases? **81.2 kg**
- 19) In a gymnastics competition Lizzie scored 12.6 on vault, 11.9 on bars, 12.7 on beam and 12.9 on floor. What is her total score? **50.1**
- 20) Mrs. Warburton went on a diet. In week one she lost 2.5kg, in week two she lost 1.75kg, in week three she lost 2.75kg and in week four she got fed up, ate lots of chocolate and gained 0.66kg. How much did she lose altogether? **6.34 kg**