

Lesson
5b

Problems involving 'real life', money or measures

1. The children in class 6 have been carrying out a survey on sleeping. Between them they sleep for 1851.5 hours in a week. If there are 23 children in the class what is the average amount of sleep the children get each night? 11½ hrs

2. Last year the school spent £2568 on books for the children. This year a local charity has donated £856 to buy books. How much will the school need to spend this year if it wants to buy the same value of books for the children as it did the year before? £1712

3. George has saved £127.40 in his bank account. How much will he have left if he spends a quarter of his savings on a new scooter? £95.55

4. There are 16oz in a lb and 14lbs in a stone. How much does Jacob weigh in stones and lbs if he weighs 896oz? 4st 0lb

5. The head teacher is buying some furniture for his office. He buys a desk for £123.75, a filing cabinet for £42.60 and a set of shelves for £18.90. How much does he spend? £185.25

6. Tracey's sunflower was 4.2 metres tall but 85 centimetres was snapped off the top in the wind. How tall is it now? 3.35m

7. It is Tuesday 24th March, 16:54 in London. What date and time is it in Sydney if they are 10 hours ahead of London? 25th March
02:54

8. The local bus travels from the village to the nearest town and back 12 times a day. It is 8.4 miles from the village to the town. How many miles a day does the bus driver travel? 201.6 miles

9. The school cook is making cakes and is baking them on a baking sheet in rows. In each row are 4 chocolate cakes and 5 strawberry cakes. If she bakes 48 chocolate cakes how many strawberry cakes does she bake? 60

10. Dafydd buys a new book in the sale. The shopkeeper gives him 20% off and he pays £11.60. How much did the book cost before the discount?

(Hint: Bar Model)

£14.50