



Solving Percentage Problems

I can solve problems involving percentages.



Solve the following problems. For at least one the problems, use a bar model to help you solve the problem. Show all stages of your working out:

1. Twinkl Superstore is having a mega sale! Each item has been reduced. Calculate how much each item will now cost.



Skateboard

Laptop

Mobile Phone



2. Priti scores the following in a daily spelling test:

Monday	Tuesday	Wednesday	Thursday	Friday
5/10	4/10	7/10	6/10	8/10

What is the weekly total?

Weekly Total = _____

She practises at home and repeats the tests the next week and increases her scores by 10%, what would her weekly total now be?

3. Karl ran twice in one week. On Monday, he ran for 50 minutes. The next day, he ran for 10% longer. How many minutes did he run altogether on the two days?

4. A bike costs £160 after being reduced by 20%. How much did the bike cost before it was reduced?



Solving Percentage Problems **Answers**

Question	Answer
1.	Twinkl Superstore is having a mega sale! Each item has been reduced. Calculate how much each item will now cost.
Skateboard:	£80
Laptop:	£255
Mobile Phone:	£84
2.	Priti scores the following in a daily spelling test:
Weekly Total:	30/50
New Total:	33/50
3.	Karl ran twice in one week. On Monday, he ran for 50 minutes. The next day, he ran for 10% longer. How many minutes did he run altogether on the two days?
	105 minutes
4.	A bike costs £160 after being reduced by 20%. How much did the bike cost before it was reduced?
	£200