



Name:	Class teacher:
$\sqrt{\quad}$ - Unit 2 - Percentages	

Question Number	Skill	Sparx	My Score	Max Score	R	A	G
1	I can find a simple percentage of a quantity (10%, 25%, 50%, 100%)	U554		2	0	1	2
2	I can find an integer percentage of a quantity	U554		6	0 1 2	3 4	5 6
3	I can find a percentage of a quantity	U554		2	0	1	2
4	I can perform a percentage increase or decrease	M476		4	0 1	2 3	4
5	I can solve a percentage change problem given in context			4	0 1	2 3	4
6	I can find the percentage change	U278		3	0 1	2	3
7	I can identify and work with fractions and percentages in problems			5	0 1	2 3	4 5

Reflections on Learning

1) There are 180 people in a cinema. a) 50% of the people buy popcorn. How many people buy popcorn? b) 10% of the people buy a hot drink. How many people buy a hot drink? 	[1] [1]
2) a) Calculate 56% of 620. b) Andrew is paid £850 a month. Each month he spends 60% of his pay saves the rest. How many months will it take Andrew to save £1700? 	[2] [4]

3) Calculate $32\frac{1}{2}\%$ of 124cm

.....cm

[2]

4) a) Work out the final amount when 80 minutes is decreased by 35%

..... minutes

[2]

b) Work out the final amount when £68 is increased by 75%

£.....

[2]

5) Two shops, Mega Bathrooms and Bathroom Mart, each have a sale.

Mega Bathrooms	Bathroom Mart
SALE	SALE
18% off the normal price	50% off the amount spent over £1000

Shireen wants to buy some bathroom units.

The units have a normal price of £1500.

Shireen wants to buy them as cheaply as possible.

Which shop should she buy the units from?

You must show your working.

.....

[4]

6) The temperature during one day in Auckland decreases
from 21°C to 17°C.
Calculate the percentage decrease correct to 2
significant figures.

.....%

[3]

7) Nigel bought 12 boxes of melons.

He paid £15 for each box.

There were 12 melons in each box.

Nigel sells $\frac{3}{4}$ of the melons for £1.80 each.

He then reduces this price by 35% and sells the rest of the melons.

Work out the total amount of profit Nigel gets by selling all the melons.

£.....

[5]

GLUE

GLUE

GLUE

GLUE