

# Percentages

Target Source..... Name.....

Percentage of amount **without** a calculator

1. Workout:

10% of £170

20% of £170

20% of £60

15% of £800

90% of £160

2. The normal price of a jacket is £54,

In a sale, the price is reduced by 30%

What is the sale price?

3. A football costs £14 plus 20% VAT.

How much is the football?

# Percentages

## Percentage of amount **with** a calculator

1. Work out:

21% of £340

64% of £1080

36% of £800

2. A computer costs £406 plus VAT @20%.

Work out the total cost of the computer.

3. A car usually priced at £9800 but now has a discount of 8%.

What is the new price of the car?

4. 9500 people attend a festival and 22% of them are children.

How many children are at the festival?

# Percentages

5. Pete is going to charge £110 + VAT to fix the burst water pipe.

May 2016

VAT is charged at 20% of the price of the job.

Work out 20% of £110 for Pete

(2)

6. Jane wants to buy a barbecue  
She sees this offer.

Barbecue £150

Pay 20% deposit

Work out 20% of £150 for Jane.  
(2 Marks)

Jan 2017

# Percentages

7. Tim is going to buy a large garden shed.

He plans to use it for a home cinema.

Tim wants to buy this shed



Garden shed Price £3200

Feb 17

Tim pays a deposit for the shed

The deposit is 15% of the price.

How much is 15% of £3200?

Show a check of your answer

(3)

# Percentages

8. Mr Smith wants to buy a hot tub.

There are two options to pay for the hot tub

<b>Hot tub</b>	
<b>Option 1</b>	Cash price £5000
<b>Option 2</b>	Pay 20% of the cash price now and pay £183.80 each month for 2 years .

Nov 17

Mr Smith uses option 2

How much extra will Mr Smith pay in total using option 2 instead of option 1?

(5 Marks)