

Name _____

- 1 Tick the calculations that are equivalent to $328 + 97$?

$328 + 100 - 3$

$325 + 100$

$320 + 90 + 8 + 7$

2 marks

- 2 Work out $4.6 + 19.9$

24.5

1 mark

- 3 Tick the boxes to show whether the statements are true or false.

	True	False
$2 \times 4 \times 3 = 4 \times 6$	<input checked="" type="checkbox"/>	<input type="checkbox"/>
$60 \times 12 = 60 \times 10 \times 2$	<input type="checkbox"/>	<input checked="" type="checkbox"/>
$12 \times 25 = 3 \times 100$	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2 marks

- 4 Alison buys jeans, a t-shirt and a bracelet.



Find an **estimate** for the total cost.

£ 34



1 mark

Work out the **exact** amount she pays.

£ 33.77



1 mark

She pays with two twenty-pound notes.
How much change does she receive?

£ 6.23



1 mark

How much more money does she need to buy another t-shirt?

£ 2.76



1 mark

- 5 There are 200 chairs at a school.
 $\frac{2}{5}$ of the chairs are in the main hall.
 The rest are shared equally between 4 classrooms.

How many chairs are in the main hall?

80

1 mark

How many chairs are in each classroom?

$$200 - 80 = 120$$

30

2 marks

- 6 Use $>$, $<$ or $=$ to make the statements correct.

$$323 + 23 \quad < \quad 323 + 32$$

$$900 \div 18 \quad = \quad 100 \div 2$$

$$228 \times 5 \quad < \quad 115 \times 10$$

3 marks

- 7 Use the information that $74 \times 29 = 2146$ to find the missing numbers.

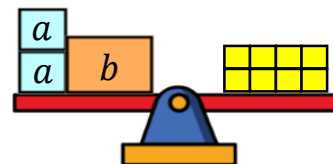
$$7.4 \times 29 = \underline{214.6}$$

$$2146 \div 74 = \underline{29}$$

$$\underline{0.74} \times 2.9 = 2.146$$

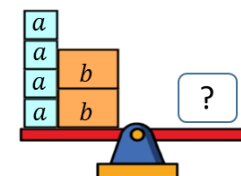
3 marks

- 8 The diagram shows $2a + b = 8$

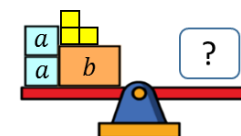


Use the diagrams to help you work out the values of these expressions.

$$4a + 2b = \underline{16}$$



$$2a + b + 3 = \underline{11}$$



2 marks

Total marks