Which is the better deal? Prove it!

Deal one is best deal.

Deal One: Original price: £150
Reduced by 10%

4
~~£150~~
−15
135
↳ £15

Deal Two: Original price: £200
Reduced by 25%

£50

50−
150

Liam did a survey of 55 people to see how many people were left-handed.

Liam says,

"The results show that exactly 10% of the people in the survey are left-handed."
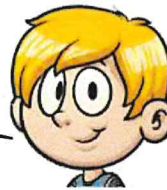
Why can't Liam be correct? 10% = 5.5 and you can't have half a person
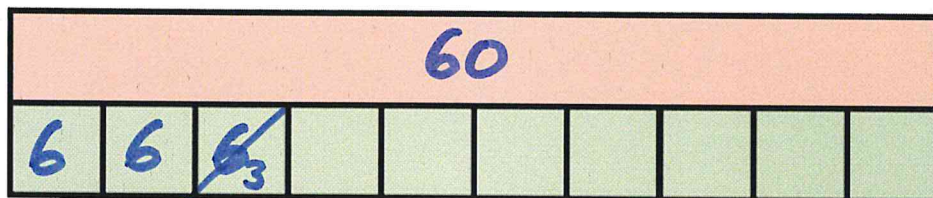

Original price £60

Reduced by **25** %

Now only £45

5/60
45−
15

25%

60								
6	6	6/3						

12 + 3 = 15

Working Deeper

Chloe and Denise each bought identical T-shirts from the same shop.

Chloe bought hers on Monday when there was **15% off** the original price.

Denise bought hers on Friday when there was **20% off** the original price.

Chloe paid **35p more** then Denise. What was the **original price** of the T-shirt?
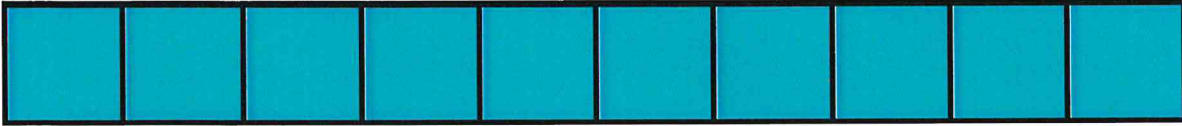
35p = 5%   = 10% = 70p

70p x 10 = £1.00

C = £1.05 off ⎫
D = £1.40 of   ⎬ difference 35p.

10% of £20 =£2

Th	H	T	O	• tth	hth

20% of £20 =£4

Th	H	T	O	• tth	hth
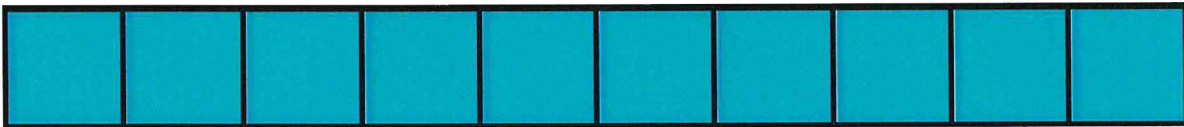
50% of £16 =£8

$\frac{1}{2}$

Th	H	T	O	• tth	hth
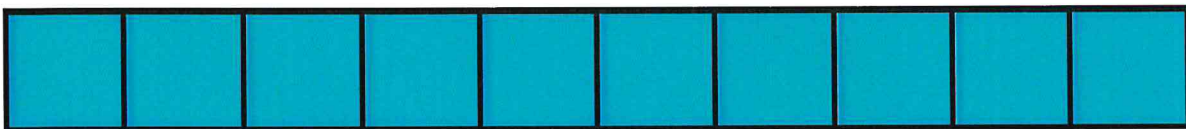
40% of £120

£48

Th	H	T	O	•	tth	hth
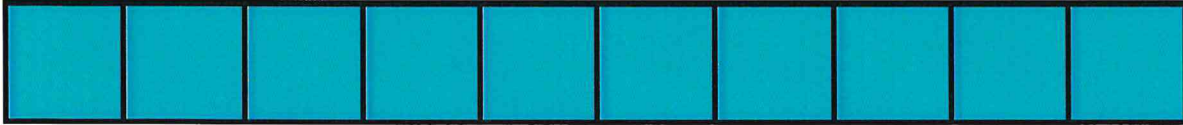
12   12   12   12

A book costs £10.

Jack gets 20% off.

What is the price of the new book?

10% = £1
20% = £2

Book
£10 - £2 = £8