

ESTIMATE ANSWERS



GET READY



- 1) Round 365 to the nearest 100
- 2) Round 8,392 to the nearest 100
- 3) Round 8,392 to the nearest 1,000

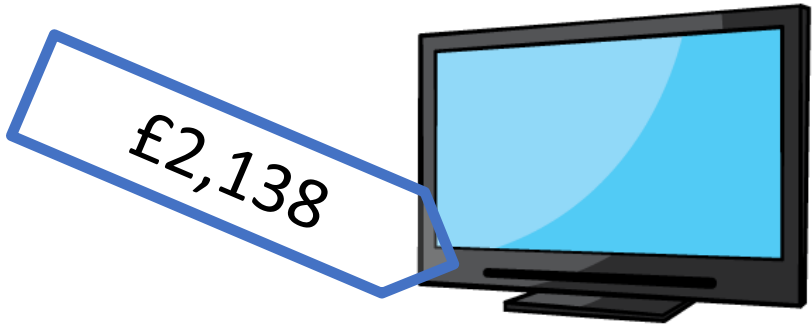
- 1) Round 365 to the nearest 100 400

- 2) Round 8,392 to the nearest 100 8,400

- 3) Round 8,392 to the nearest 1,000 8,000

LET'S LEARN



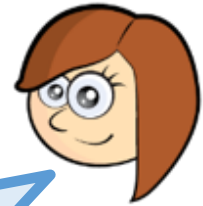


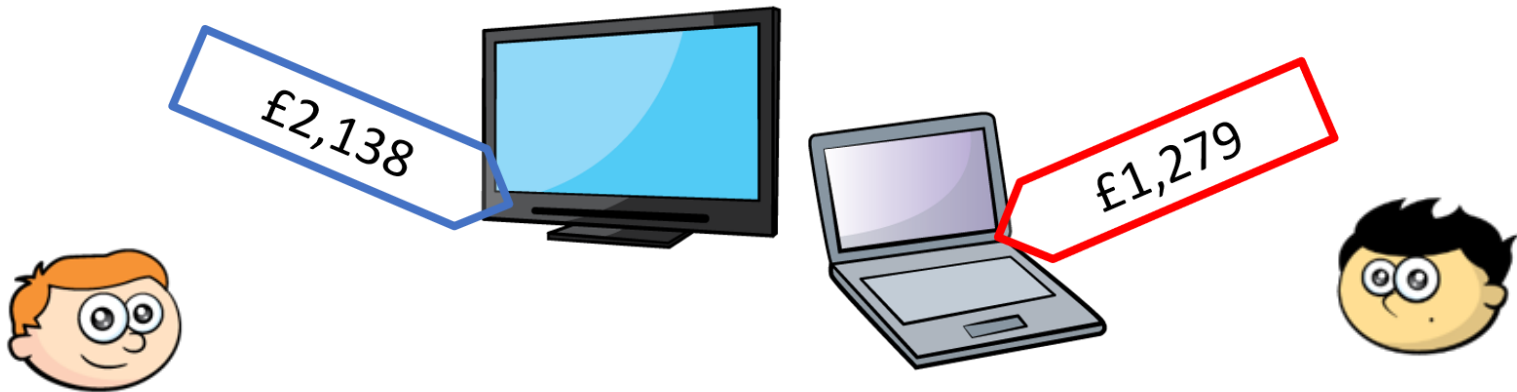
I have £3,800 in my bank, can I afford to buy the TV and the laptop?

How? I haven't written the numbers yet!



STOP! I already know he can afford it.



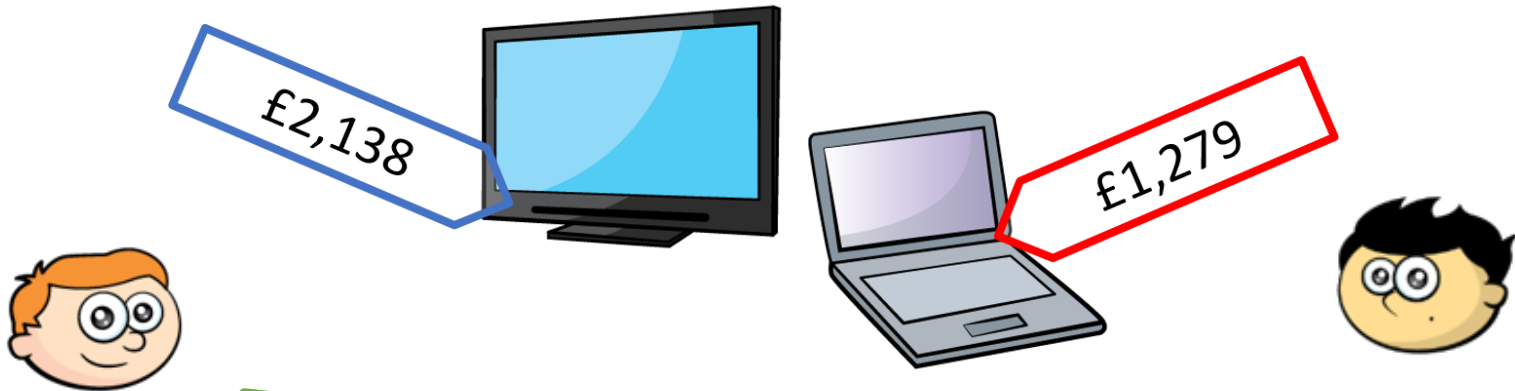


Ahhh, I see


£2,138 is quite close to £2,100

£1,279 is quite close to £1,300

£2,100 plus £1,300 is £3,400
so Ron has enough money.



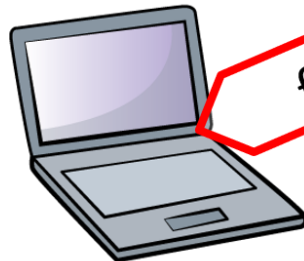
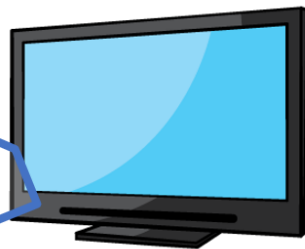
But you've made £2,138 smaller so how can you know for sure?



Even if you added £2,200 and £1,300 it would be £3,500 so you would still have enough.



£2,138



£1,279



But you've made £2,138 smaller so how can you know for sure?



I have rounded the numbers to estimate, which gives me a sensible but not exact answer.

Whitney has £437

Her uncle gives her £266

How much does Whitney have now?



£437 rounded to the nearest 100 is £400

£266 rounded to the nearest 100 is £300

The estimated answer is:

$$£400 + £300 = £700$$



Dexter runs 3,015 m
Alex runs 1,657 m less.
How far does Alex run?



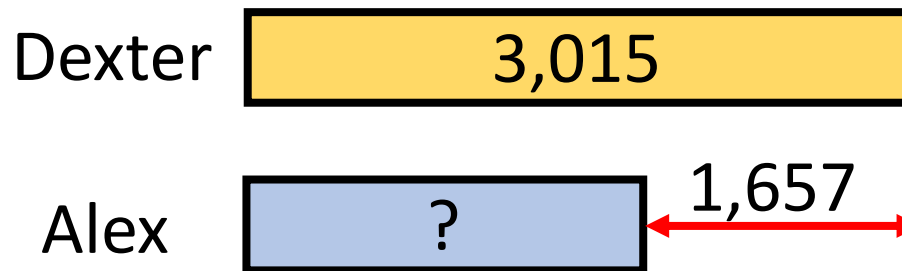
Have a think



3,015 rounded to the nearest 1,000 is 3,000
1,657 rounded to the nearest 1,000 is 2,000

The estimated answer is:

$$\underline{3,000} - \underline{2,000} = \underline{1,000 \text{ m}}$$



YOUR TURN

Have a go at the questions
1 – 3 on the worksheet



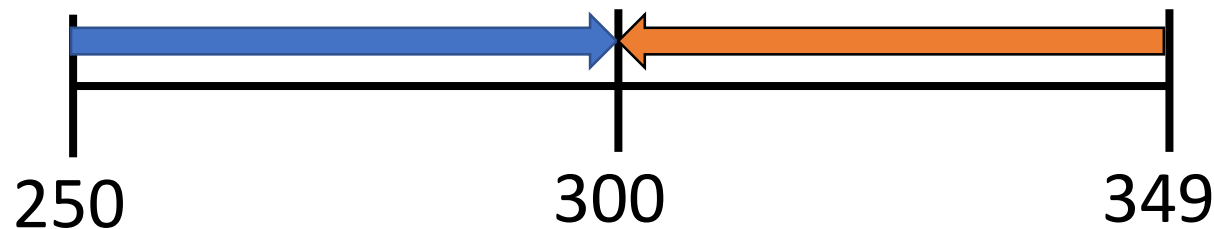
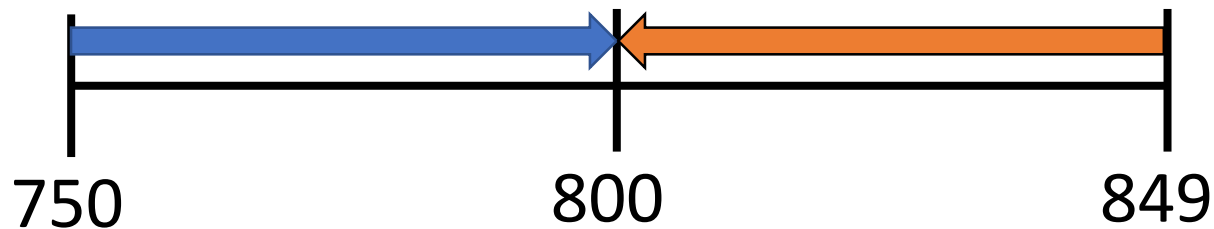
An estimated calculation is $800 + 300 = 1,100$
What additions could this be the estimate for?

A possible addition is:

$$\underline{814} + \underline{270} = \underline{1,084}$$

Have a think

An estimated calculation is $800 + 300 = 1,100$
What additions could this be the estimate for?

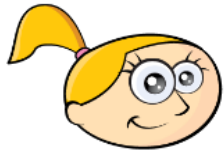


YOUR TURN

Have a go at questions
4 – 5 on the worksheet



Name	Points
Eva	3,568
Mo	3,951



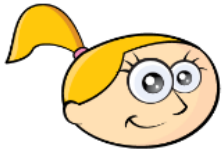
$$4,000 + 4,000 = 8,000$$

$$3,600 + 4,000 = 7,600$$



Whose estimate is more accurate?

Name	Points
Eva	3,568
Mo	3,951



Estimated total:
8,000

Estimated total:
7,700



I think the
exchanged
digits
haven't
been added.

Th	H	T	O
3	5	6	8
3	9	5	1
7	5	1	9

1 1

Estimating
helped us
find a mistake
and check
our answer.

YOUR TURN

Have a go at the rest of
the worksheet

