



classroomsecrets.co.uk

Reasoning and Problem Solving – Estimate and Approximate – Year 5 Developing

Estimate and Approximate **Estimate and Approximate**

7a. Sean has answered the following calculation:

7b. Seren has answered the following calculation:

28,034m + $8\frac{1}{4}$ km = 36,284m | 53,493m - $9\frac{3}{4}$ km = 49,919m

Use an approximate calculation to explain whether Sean's answer is likely to be correct.

Use an approximate calculation to explain whether Seren's answer is likely to be correct.



8a. Isla has been given the amounts below:

8b. Omri has been given the lengths

1.288p

4.846p

£329.74

below:

11.209cm

She wants to show the approximate total of the three amounts using real money, but she only has one pound coins.

He wants to show the approximate total of the three numbers using pieces of rope, but he only has ropes which are 1,000cm long.

 $7\frac{1}{2}$ m

5.247cm

How many one pound coins will she need?

How many 1,000cm pieces of rope will he need?

9a. Max has to put up $9\frac{3}{4}$ km of telephone wires.

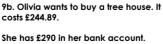
He has 20,000m of wire.

He estimates he will have 10,000m of wire left after doing the job.

Is Max's estimation correct? Prove it.







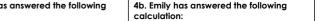
She estimates she will have 3,500p left after she has bought the tree house.

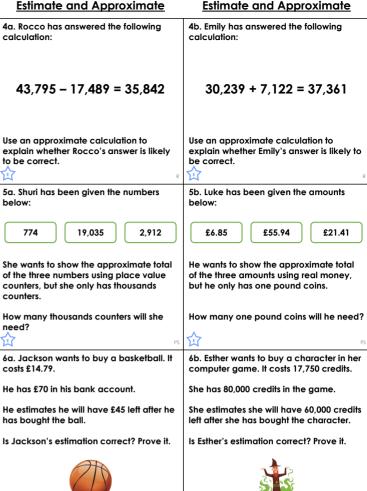
Is Olivia's estimation correct? Prove it.





classroomsecrets.co.uk Reasoning and Problem Solving – Estimate and Approximate – Year 5 Greater Depth





classroomsecrets.co.uk

Reasoning and Problem Solving – Estimate and Approximate – Year 5 Expected