Mathematics

Key Stage 2

Algebra

First name				
Middle name				
Last name				
Date of birth	Day	Month	Year	
School name				
DFE number				

Each shape in the grid represents a different whole number.

The numbers around the grid show the total value of the shapes in each row or column.



2

The numbers around the grid below show the total value of the shapes in each row or column.

Fill in the three missing totals.



Write the value of each expression:



Jack is making a pyramid pattern. Each brick is the total of the two bricks beneath it.



What number should replace the letter t?

Answer:

1 mark

Hallie is also making a pyramid using the same rule. She is using letters instead of numbers.

Write correct expressions in Hallie's three blank bricks.



3 marks



5

6



m represents the cost (in pounds) of Lola's ticket.

Which expression shows how much money Lola has left?



Half of 2 more than **d** is

7

Neave worked out that if she tripled her number and subtracted the answer from 40, the result was 4.

(a) Put a **tick** next to the equation which best represents what Neave did.



(b) What number did Neave think of? Show your working.

Answer:

¹ mark



2 marks



2 marks

Thank you for downloading this paper. I hope your Year 6 classes will find it a really useful revision aid. Please check out my new website <u>ks2sats.co.uk</u> for lots more FREE papers on topics such as

- Decimals
- Percentages
- Multiplication and division
- Angles
- Word problems
- Ratio and proportion
- Transformations
- Money
- Mass
- Length
- Area and perimeter, and more.

The website also has *videos of me working through each paper*, so that once pupils have completed the paper they can get help with any questions that they got wrong, and watch a worked-example of how to solve it correctly!

I'd love to have your feedback, so if you have any requests for papers or questions, just let me know.

Thanks - Andrew Jeffrey





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