

The Mystery of the Muddy Footprints



The children have been on a wonderful autumn walk. First, they jumped in muddy puddles. After that, they kicked lots of crisp, orange leaves. Finally, they collected some shiny, brown conkers to bring back to school.

When the children returned to their classroom, the teacher asked them to take off their boots at the door and put them neatly with their coats in the cloakroom.

However, someone has left a trail of muddy footprints across the classroom and a pair of filthy boots under a chair!

Solve the clues to find out who they belong to!



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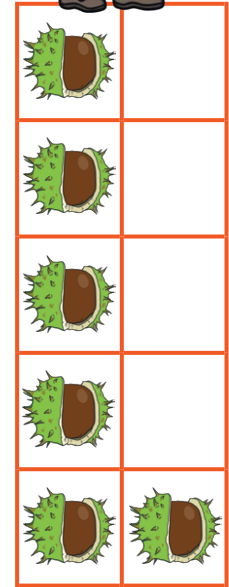
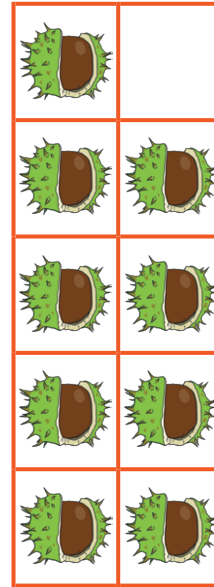
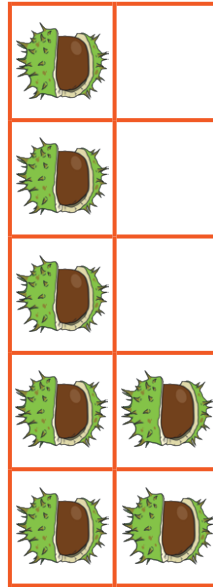
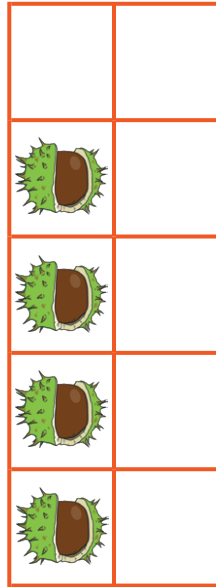
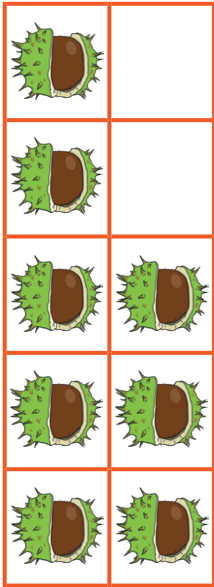
Name	Age	Shoe Laces	Colour of Boots	Pattern	Shoe Size
Anya	5	yes	red	spots	11
Carlos	7	yes	yellow	spots	1
Daniel	11	no	yellow	stripes	4
Evie	5	no	yellow	spots	2
Florence	10	no	green	stars	4
Georgia	9	yes	yellow	swirls	2
Henry	6	no	yellow	spots	2
Idris	8	yes	yellow	spots	5
Joel	7	yes	yellow	spots	2
Laura	5	no	yellow	zigzags	13
Nico	10	no	blue	triangles	4
Penny	9	yes	yellow	spots	2
Rufus	7	no	green	stars	13
Rebecca	6	no	yellow	spots	4
Saskia	9	yes	blue	zigzags	2
Thomas	10	yes	yellow	spots	3
William	7	no	yellow	spots	2
Victor	5	no	red	zigzags	1
Verity	11	no	yellow	stars	5
Zoe	8	yes	yellow	spots	2

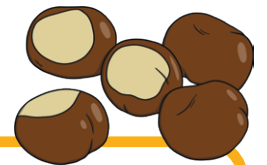
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Clue 1: Counting Objects



Count the number of conkers in each ten-frame.





Circle each total in the table. Then, write down the matching words in order to solve the first clue about the colour of the boots.

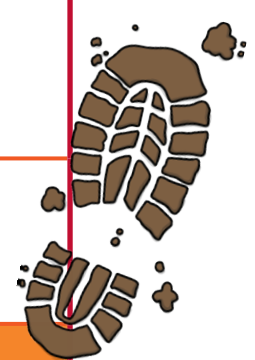
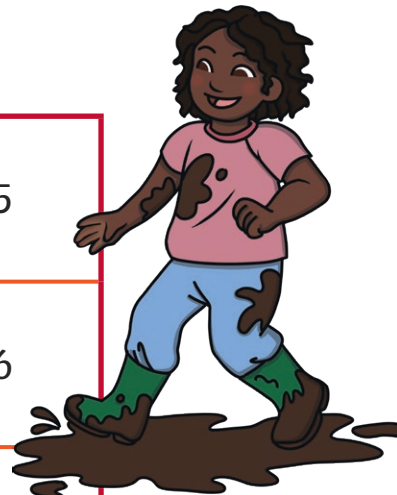

8 they	9 yellow	5 red	7 wearing
3 blue	4 were	10 green	6 boots

Clue 1:

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Clue 2: Counting in Steps of 2

Count in steps of 2 to complete the maze and solve the next clue about the pattern on the boots.







START	2	3	4	5
3	4	6	8	6
4	5	7	10	7
9	10	14	12	10
17	18	16	13	11
18	20	17	20	20
stripes	spots	swirls	stars	zigzags

Clue 2: The child who made the muddy footprints has _____ on their boots.

Clue 3: Continue a Sequence

Find the number in each muddy puddle by counting backwards in steps of 1.

6	5				
10					
8					
9					

Cross out each number that was in a muddy puddle. The number that is left will reveal what shoe size the person who made the muddy footprints has.


Clue 3: The footprints were made by someone who is shoe size _____.

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Clue 4: One More or One Less

Write the missing number on each autumn leaf.




One more than 5 is  .



One less than 6 is  .



One more than 7 is  .

One less than 10 is  .



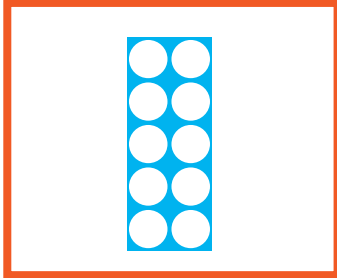
Cross out each number that was on a leaf. The number that is left will reveal the age of the child who made the muddy footprints.

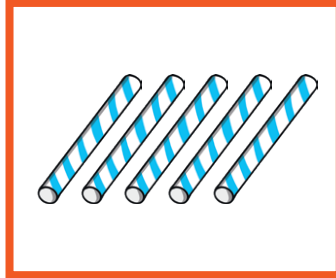


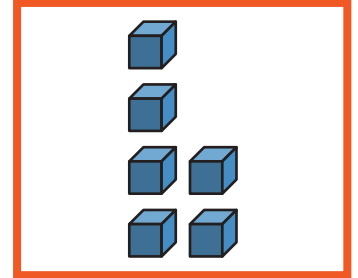
Clue 4: The child who made the muddy footprints is aged _____.

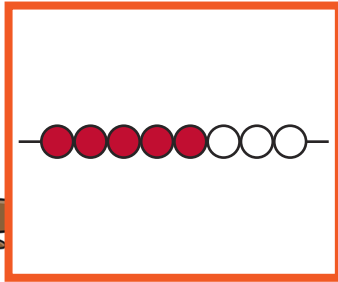
Clue 5: Representing Numbers

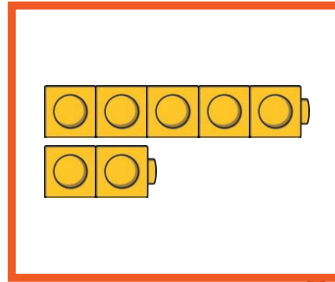
Write down the numbers that are represented.













Circle each number in the table. Then, write down the matching words in order to solve the final clue about if the boots had laces.

4 his	10 the	7 laces	3 did
9 her	6 didn't	5 boots	8 have

Clue 5:

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The child who made the muddy footprints was _____.