

Pasteur and Cylinders

L.O. To add two numbers up to 2d + 2d.	Pasteur	Cylinders	What I think	What my teacher thinks
Remember to:				
Read the question carefully – what are you being asked to do?			☐	☐
Write the smaller number below the larger number, noting place value.			☐	☐
Add the 'ones' first, then the 'tens' and record.			☐	☐
Record 'carried' digits neatly and remember to add them in.			☐	☐
 Use your prior learning to find the difference (use subtraction)			☐	☐
<u>Do me first.</u> Write in words: 12 42 137				

- 1) a) There are 30 children in the Skywalkers class and 28 in Varjak Paws. They are all going on a trip. How many seats does the coach need to have for the children?
b) How many seats will be needed so that all of the class adults could go too?
- 2) a) Football derby matches can be an exciting experience. In the last match between the Crosspool Junior FC and Nether Green Junior FC, there were 32 fans of Crosspool and 39 fans of Nether Green watching. How many fans was this in total?
b)  How many more Nether Green fans were there than Crosspool?
- 3) a) Mr Gamage has twelve bicycles in his shed. Mrs Gamage realises that this is not enough bikes and suggests that he buys six more. How many bikes would the lucky Mr Gamage now have?
b) Unfortunately, Mr Gamage's shed isn't big enough for that many bicycles and he generously suggests that there's room for only fourteen.  How many more than twelve is this?

- 4) a) Between the two Y5 classes, there are 28 dictionaries (some of them are missing pages!) The Kensuke class want us to look after their 36 dictionaries, to keep them safe. How many dictionaries do we need to find shelf space for?
b) Hearing how good we are at safeguarding dictionaries, the Fantastic Foxes have asked us to keep their 42 thesauruses, too. How many dictionaries and thesauruses will we now have?
c)  How many more dictionaries are there than thesauruses?
- 5) a) During a PE lesson we find five orange dinner bands and 7 green dinner bands on the top yard (who leaves these things lying around?!) During the same PE lesson, on the bottom yard, we find six blue and 8 yellow dinner bands. How many dinner bands did we find all together?
b) On a scale of 1 to 10 (where 1 is not very excited, and 10 is extremely excited), how excited was Mrs Leverton when we told her about all of the dinner bands we'd found?

Curie and Pyramids

Descartes and Spheres

L.O. To add two numbers up to 3d + 2d.	Curie Pyramids Descartes Spheres	What I think	What my teacher thinks
Remember to:			
Read the question carefully – what are you being asked to do?		☐	☐
Write the smaller number below the larger number, noting place value.		☐	☐
Add the 'ones' first, then the 'tens' and record.		☐	☐
Record 'carried' digits neatly and remember to add them in.		☐	☐
★ Use your prior learning to find the difference (use subtraction)		☐	☐
<u>Do me first.</u>			
Write in words:			
412			
402			
1037			

- There are 30 children in the Skywalkers class and 28 in Varjak Paws. They are all going on a trip. How many seats does the coach need to have for the children?
 - How many seats will be needed so that all of the other 118 children in KS2 could go too?
- Football derby matches can be an exciting experience. In the last match between the Crosspool Junior FC and Nether Green Junior FC, there were 89 fans of Crosspool and 139 fans of Nether Green watching. How many fans was this in total?
 - ★ How many more Nether Green fans were there than Crosspool?
- Mr Gamage has 76 cycling jerseys in his wardrobe. Mrs Gamage realises that this is not enough jerseys and suggests that he buys twenty-eight more. How many cycling jerseys would the lucky Mr Gamage now have?
 - Unfortunately, Mr Gamage's wardrobe isn't big enough for that many jerseys and he generously suggests that there's room for only ninety-four. ★ How many more than 76 is this?

- 4) a) Between the two Y5 classes, there are 58 dictionaries (some of them are missing pages!) The Kensuke class want us to look after their 46 dictionaries, to keep them safe. How many dictionaries do we need to find shelf space for?
b) Hearing how good we are at safeguarding dictionaries, the Fantastic Foxes have asked us to keep their 22 thesauruses, too. How many dictionaries and thesauruses will we now have?
c)  How many more dictionaries are there than thesauruses?
- 5) a) During a PE lesson we find thirty-five school pencils and 27 handwriting pens on the top yard (who leaves these things lying around?!) During the same PE lesson, on the bottom yard, we find forty-six whiteboard pens and 8 yellow highlighters. How many writing implements did we find all together?
b) On a scale of 1 to 10 (where 1 is not very excited, and 10 is extremely excited), how excited was Mrs Leverton when we told her about all of the things we'd found?

Verne and Cubes

De Gaulle and Cuboids

L.O. To add two numbers up to 5d + 5d.	Verne De Gaulle	Cubes Cuboids	What I think	What my teacher thinks
Remember to:				
Read the question carefully – what are you being asked to do?			☐	☐
Write the smaller number below the larger number, noting place value.			☐	☐
Add the 'ones' first, then the 'tens', then the 'hundreds', then the 'thousands', then the 'tens of thousands', and record.			☐	☐
Record 'carried' digits neatly and remember to add them in.			☐	☐
 Use your prior learning to find the difference (use subtraction)			☐	☐
<u>Do me first.</u> Write in words: 2412 4002 13037				

- 1) a) There are 30 children in the Skywalkers class and 28 in Varjak Paws. They are all going on a trip. How many seats does the coach need to have for the children?
b) How many seats will be needed so that all of the other 118 children in KS2 could go too?
- 2) a) Football derby matches can be an exciting experience. In the first of the two League Cup matches between Manchester City and Manchester United, on the 7th January 2020 at Old Trafford, there were an attendance of 69023. For the second match on the 29th January at the Etihad Stadium, the attendance was 52117. How many fans was this in total?
b)  How many more attended Old Trafford than the Etihad Stadium?

- 3) a) During morning playtimes over a week, we find one-hundred and thirty-five school pencils and 227 handwriting pens on the top yard (who leaves these things lying around?!) During the lunchtimes, on the bottom yard, we find two-hundred and forty-six whiteboard pens and 8 yellow highlighters. How many writing implements did we find all together?
b) On a scale of 1 to 10 (where 1 is not very excited, and 10 is extremely excited), how excited was Mrs Leverton when we told her about all of the things we'd found?
- 4) a) Between the KS2 classes, there are 258 dictionaries (some of them are missing pages!) The KS1 classes want us to look after their 146 dictionaries, to keep them safe. How many dictionaries do we need to find shelf space for?
b) Hearing how good we are at safeguarding dictionaries, the children at Walkley St Mary's have asked us to keep their 222 thesauruses, too. How many dictionaries and thesauruses will we now have?
c) ★ How many more dictionaries are there than thesauruses?
- 5) a) There are 286199 male and 289225 female residents in Sheffield. What is the total population of the city?
b) ★ How many more females than males are there?