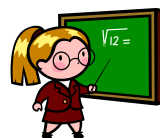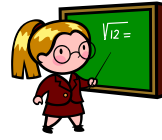# Years 3 and 4 Maths Trail

1. How many steps are there leading up to the field on one side of the hand rail?
2. If the steps were twice as long, how many would there be?

3. How many blue boxes are there in the shelves outside the ICT suite?

4. How many white keys on a piano?

5. How many black keys on a piano?

6. How many windows are there in the music room?

7. What shape do the tables in the music room make?
8. How many sides does the shape have?
9. Can you draw the shape?

10. How many blue and green curtains are there outside 3S?

11. How many letters make up the saying "One School Many Dreams" on the wall by the stars?
12. How many letters would you need to add for it to say "One School Many **Different** Dreams"?

13. In the display of art work inspired by Victor Varserely outside 5T, what shapes can you see?
14. Can you draw and name them?

15. How many pegs are there in the year 4 area (including the ones by the toilets)?

16. How many drawn faces are outside 5B?

17. How many didgeridoo's are hanging outside 6M?
18. What is half of this number?

19. How many sides do the stars outside the staff room have?

20. If a trophy is worth £100, how much would all the trophies be worth?

21. Going around the school without going into classrooms, how many green door handles can you find?

22. A display board has 8 screws holding it up, how many would you need if the display board was doubled in size?

23. If there was 3 times more art work hung outside 5W and 5T, how many pieces of art would there be?

24. Approximately how many staff are at the Woolbrook site?

25. Find something you can measure in centimetres, metres, millilitres, litres?

Years 5 and 6 Maths Trail

1. How many steps are there leading up to the field on one side of the hand rail?
2. If the steps were 3 times as long, how many would there be?

3. Outside the ICT suites, in one shelve there are 12 blue boxes, how many boxes are in 4 shelves?

4. How many white keys would there be on a piano if it was 1/5 of the size?

5. How many black keys on a piano if it was enlarged by 100%?

6. How many right angles are there in the windows of the music room?

7. How many letters make up the saying "One School Many Dreams" on the wall by the stars?
8. How many letters would there be in total if the saying was changed to "One School Many **Different** Dreams"?

9. How many squares does the display of Christian Symbols outside 5W have? Answer as a multiplication sum

10. Within the display of art work inspired by Victor Varserely outside 5T, what shapes can you see?
11. Can you draw them and name them all?
12. List the quadrilaterals that you can find

13. How many pegs are there in the year 4 area (including the ones by the toilets)?

14. How many didgeridoo's are hanging outside 6M?
15. Can you list the factors of 24?
16. If there was 1 more didgeridoo, what would the square root of this number be?

17. How many sides do the stars outside the staff room have?
18. Is a star a quadrilateral?

19. If a trophy is worth £117, how much would all the trophies be worth?

20. If 4 children can sit on every bench in the playground, and we added 5 more benches how many children would be able to sit down?

21. Going around the school without going into classrooms, how many green door handles can you find?

22. A display board has 17 screws holding it up, how many would you need if the display board was tripled in size?

23. If there was 12 times more art work hung outside 5W and 5T, how many pieces of art would there be?

24. Find something you can measure in centimetres, metres, millilitres, litres?

25. **TRICKY:** There are 522 children in the school, 50% are on a school residential so are not on site. 1/3 of the children on site are in a SATS test and 14 other children are leaving for a football match. When they leave, how many children are left on site and **not** doing SATS?