Saturday and Sunday's maths sheet comes with a special hello to Olly and Sophie and his family who are joining in with the maths. Great work! Well done to everyone who sent in their At-Home mock exam this week, and well done to parents who did WFH shifts as 11+ exam invigilators, your hilarious exam observations are giving us life. Also- last year's parents did seem to do a fair amount of... I don't want to say cheating but certainly "constructive helping" with the At-Home mocks, whereas this year's parents are dishing up the tough-love by the ladle. Keep it coming! Rachel :)

1. $48\overline{)768}$

2. $17\overline{)799}$

3. $84\overline{)756}$

4. $40\overline{)£96.80}$

5. $22\overline{)£93.94}$

6. $19\overline{)£67.83}$

7. 920×73

8. 547×42

9. 210×85

10. 31×55

11. 32×48

12. 66×47

13. $94 - 50$

14. $86 - 76$

15. $91 - 27$

16. $83 - 51$

17. $76 - 64$

18. $58 - 21$

19. $77 + 50 + 33$

20. $41 + 71 + 83$

21. $51 + 51 + 66$

22. $94 + 92 + 10$

23. $71 + 58 + 44$

24. $39 + 59 + 42$

Convert the decimals to percentages.

25. 0.44 = _____ 26. 0.53 = _____ 27. 0.15 = _____ 28. 1 = _____

29. 0.24 = _____ 30. 0.26 = _____ 31. 0.73 = _____ 32. 0.36 = _____

Calculate the given percent of each value (which is a very mathsy way of saying work ou the percentage of each number). There may be decimals.

33. 10% of 6 = _____ 34. 10% of 80 = _____ 35. 25% of 4 = _____

36. 50% of 8 = _____ 37. 100% of 5 = _____ 38. 75% of 7 = _____

39. 100% of 387 = _____ 40. 50% of 2 = _____ 41. 10% of 1 = _____

And finally, in a Verbal Reasoning/Maths crossover, find the next two numbers in the sequence!

42. 28, 33, 38, 43, 48, 53, 58, _____

43. 1.6, 2.3, 3, 3.7, 4.4, 5.1, 5.8, _____

44. 61, 56, 63, 58, 65, 60, 67, _____

45. 82, 79, 76, 73, 70, 67, 64, _____

46. 1.4, 2, 2.6, 3.2, 3.8, 4.4, 5, _____

47. 21, 23, 25, 27, 29, 31, 33, _____

48. 19, 24, 31, 40, 51, 64, 79, _____

49. 2.5, 2.9, 3.3, 3.8, 4.2, 4.8, 5.2, _____