

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.
$$\begin{array}{r} 48 \overline{)768} \end{array}$$

2.
$$\begin{array}{r} 17 \overline{)799} \end{array}$$

3.
$$\begin{array}{r} 84 \overline{)756} \end{array}$$

4.
$$\begin{array}{r} 40 \overline{)\pounds 96.80} \end{array}$$

5.
$$\begin{array}{r} 22 \overline{)\pounds 93.94} \end{array}$$

6.
$$\begin{array}{r} 19 \overline{)\pounds 67.83} \end{array}$$

7.
$$\begin{array}{r} 920 \\ \times 73 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 547 \\ \times 42 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 210 \\ \times 85 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 31 \\ \times 55 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 32 \\ \times 48 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 66 \\ \times 47 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 94 \\ - 50 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 86 \\ - 76 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 91 \\ - 27 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 83 \\ - 51 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 76 \\ - 64 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 58 \\ - 21 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 77 \\ 50 \\ + 33 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 41 \\ 71 \\ + 83 \\ \hline \end{array}$$

21.
$$\begin{array}{r} 51 \\ 51 \\ + 66 \\ \hline \end{array}$$

22.
$$\begin{array}{r} 94 \\ 92 \\ + 10 \\ \hline \end{array}$$

23.
$$\begin{array}{r} 71 \\ 58 \\ + 44 \\ \hline \end{array}$$

24.
$$\begin{array}{r} 39 \\ 59 \\ + 42 \\ \hline \end{array}$$

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 out 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, _____