| Number | Algebra | Data Handling | Shape | Random |
| :---: | :---: | :---: | :---: | :---: |
| Calculate the value of: $8^{0}$ | Simplify $\left(y^{3}\right)^{2}$ | Describe the relationship between A and B | Calculate the length of side $x$ | Using only a compass, ruler and pencil construct an equilateral triangle |
| Calculate $\left(4 \times 10^{17}\right) \times\left(8 \times 10^{5}\right)$ | n is an integer. Write down the possible values for $n$ if: $-4 \leq 2 n<5$ | Can you write two variables that would explain the graph above? | Sheila got 183 out of 300 in a test. Bob got 24 out of 40 on a different test. Who got the higher percentage? | Find the $\mathrm{n}^{\text {th }}$ term for the following sequence: $17,13,9,5, \ldots$ |
| Given that $762 \times 845=643890$ <br> Write down the value of $643.890 \div 7.62=$ | Solve: $\frac{2 y}{3}+6=2$ | Here are the long jump results for a school. They are measured to the nearest centimetrel <br>  | Find the size of angle a | $\frac{4}{7} \text { of } 28 \mathrm{~kg}$ |
| Find the LCM of 45 and 60. <br> scarimaths | Factorise completely: $t^{2}-49$ | Is Steve right or wrong? Explain your answer. | How many edges, vertices and faces does the following shape have? | Find the distance between the points with coordinates $(3,-4)$ and $(8,6)$ <br> scarimathematician |

