

Code Breaker: Stem-and-Leaf Diagrams



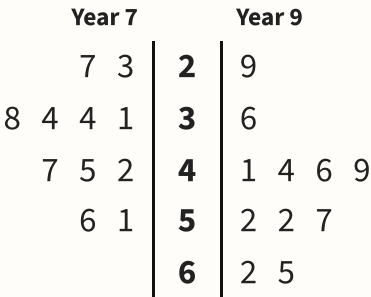
CRACK THE CODE

Diagram A is back to back: the Year 7 leaves are read from the stem outwards. Diagram B has a decimal key. Use the diagram each tile names. Look your answer up in the **Code Box** and write the letter it unlocks in the white box. Collect all thirteen letters in the strip, then unscramble them to find the answer.

13 CLUES

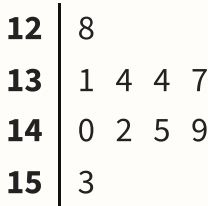


A Words typed in one minute



Key: 4 | 3 | 1 means 34 words for Year 7 and 31 words for Year 9

B Times to run 100 m



Key: 13 | 4 means 13.4 seconds

1

A: the median for Year 7

2

A: the mode for Year 7

3

A: the range for Year 9

4

A: the lowest number of words in Year 7

5

A: how many in Year 9 typed more than 50 words?

6

A: how many more words is the Year 9 median than the Year 7 median?

7

A: how many in Year 7 typed fewer than 40 words?

8

A: how many students are there altogether?

9

A: the mode for Year 9

10

B: the fastest time (seconds)

11

B: the median time (seconds)

12

B: the range of the times (seconds)

13

B: the mode (seconds)

YOUR LETTERS

UNSCRAMBLE Clue: a breakfast (9, 4)

CODE BOX

2 = Y	2.5 = D	5 = G	6 = R	11 = G	12.8 = S	13.4 = M	13.7 = W	13.85 = S	14 = T
15.3 = H	22 = C	23 = E	25 = O	32 = P	34 = A	36 = E	38 = L	52 = B	65 = U

