



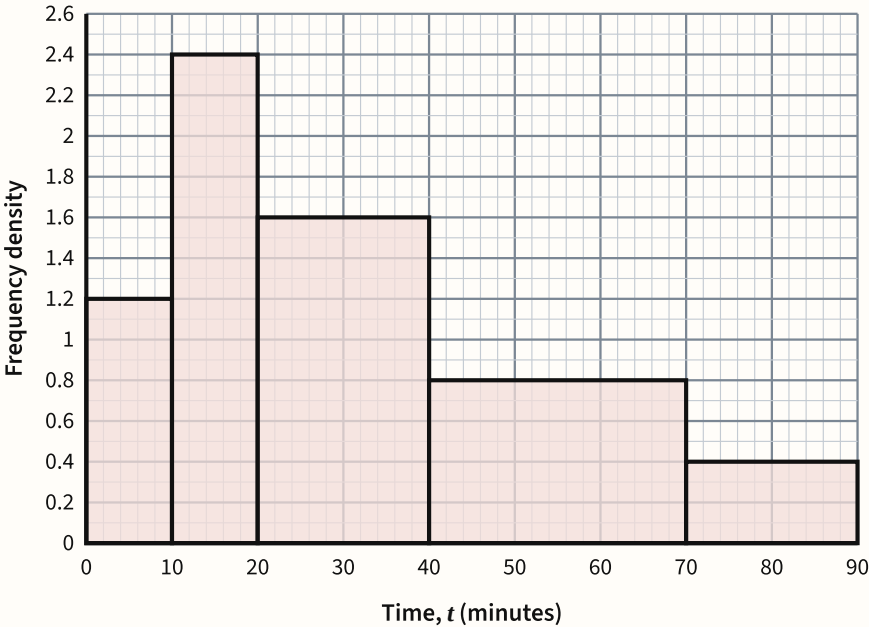
CRACK THE CODE

The histogram shows how long some students spent on homework. The table shows a running total of scores in a quiz. Use them for the tiles that name them. 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



Time spent on homework last week



Scores in a quiz

Score, s	Cumulative frequency
$0 < s \leq 10$	6
$10 < s \leq 20$	15
$20 < s \leq 30$	33
$30 < s \leq 40$	52
$40 < s \leq 50$	60

1
Histogram: how many spent from 20 to 40 minutes?

N

2
Histogram: how many spent more than 70 minutes?

S

3
Histogram: how many students altogether?

O

4
Histogram: estimate how many spent from 30 to 40 minutes

G

5
Histogram: estimate how many spent from 15 to 30 minutes

A

6
Frequency 36, class width 15. Find the frequency density.

D

7
Frequency density 1.5, class width 20. Find the frequency.

O

8
Frequency 45, frequency density 3. Find the class width.

R

9
Table: how many students took the quiz?

M

10
Table: how many scored more than 30?

O

11
Table: how many scored more than 20 and no more than 40?

K

12
Table: estimate the lower quartile score

O

13
45 values are put in order. Which position is the median?

D

YOUR LETTERS

N S O G A D O R M O K O D

UNSCRAMBLE Clue: huge lizards (6, 7) KOMODO DRAGONS

CODE BOX

1.6 = B	2.4 = D	6.4 = H	8 = S	15 = R	16 = G	19 = P	20 = O	22.5 = T	23 = D
27 = O	28 = A	30 = O	32 = N	33 = C	37 = K	60 = M	100 = O	135 = U	540 = F

