

Year 6 Homework Answers

**Module 13: Data analysis**

1.

a) Mode: 17; Range: 33; Median: 27.5; Mean: 29

b) Mode: 32; Range: 97; Median: 23.5; Mean: 31

c) Mode: 10; Range: 67; Median: 13; Mean: 30

2.

a) 22

b) 31

c) 19; 35; 16

d) 28

3.

a) 2

b) 2

c) 2.5

4.

a) 35 hours

b) 5 hours

5.

a)

Stem	Leaf
1	6 8 9 9
2	1 1 1 2 3 5 8
3	1

b) 21 years old

c) Range: 15; Median: 21

d) 22

6.

a) Day 6

b) 210

c) 15

7.

a) [4, 4, 5, 7, 8, 9, 9, 11, 13, 14, 16, 17, 17, 17, 18, 19, 19, 20, 21, 21, 22]

b) highest: 22; lowest: 4

c) 17

d) 16

8.

a) Group A: 20 people; Group B: 21

b) Group A: 29; Group B: 36

c) Mode A: 64; Mode B: 48, 59, 60, 66, 71

Median A: 58; Median B: 60

9.

a) 1 m 43 s

b) 1 m 50 s

10.

	Mean	Mode	Median	Range
Group A	10	14	9.5	18
Group B	11	9	9.5	26