

Sample Paper 2
Mathematics Marking Scheme

Total Marks: 100

- 1i. 192p or £1.92
- ii. 47p
- iii. 42p or £0.42
- 2a i. 360
- ii. 400
- b. 12 coaches
- 3a 985
- b 135
- c. Multiple possible answers (eg. 135, 531, 315 etc.)
- d. 813
- 4i $\frac{1}{4}$
- ii. 75%
- iii. 6 left
- iv. 2
- 5i. Sam
- ii. 21cm or 0.21m
- iii. 45cm or 0.45m
- iv. 115cm or 1.15m
- 6a. 5
- b. 1
- c 5
- 7a 50

- b. 20
- c. 100
- d. 10
- 8a 1.25kg or 1250g
- b 170g

c

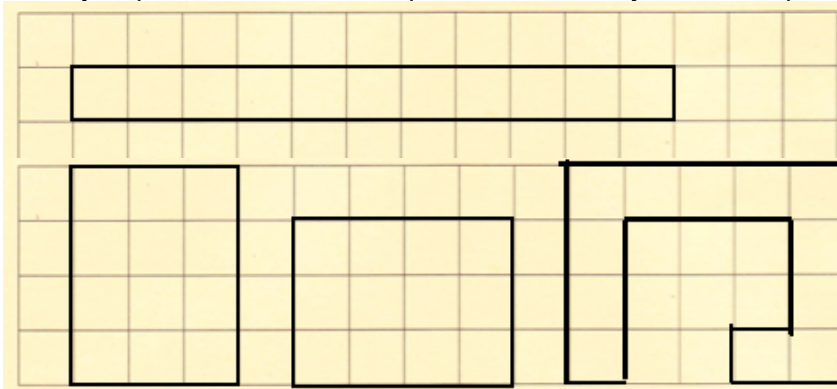


510g. Arrow should be pointing somewhere between 500-520 mark.

- 9a Blue
- b 10
- c 5

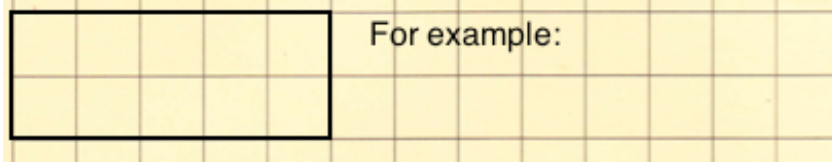
10 Variety of possible answers so perimeter will vary. For example:

a,b.

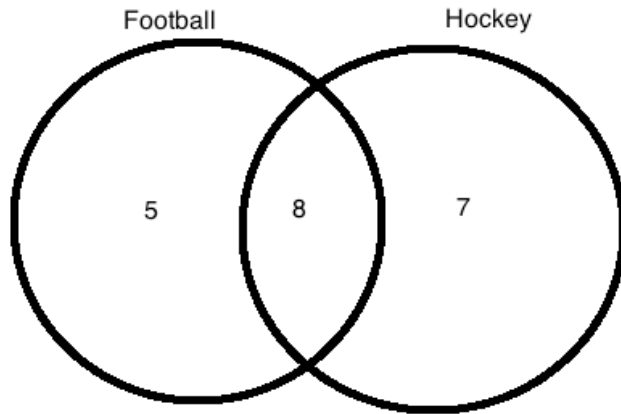


c

Any shape with an area of 10cm² and perimeter of 14cm.



11a.



b. 15

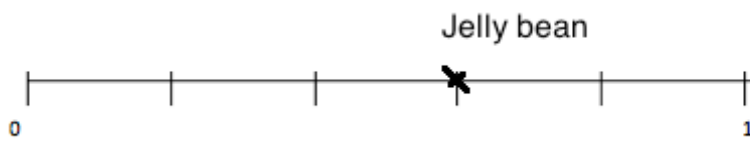
12a False

b False

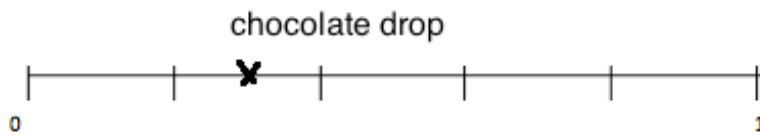
c False

d False

e



f



13

▲	♣	▲	●	27
♣	●	♣	▲	25
●	●	●	●	20
▲	♣	♣	▲	28

27	22	25	26
----	----	----	----

14 Accurately drawn triangle with a 2mm/ 2 degree allowance for the measurements.

15a 18.5 degree

b 01:00- 07:00 = 6 hours

c 0700 and 0800

d 4 degrees

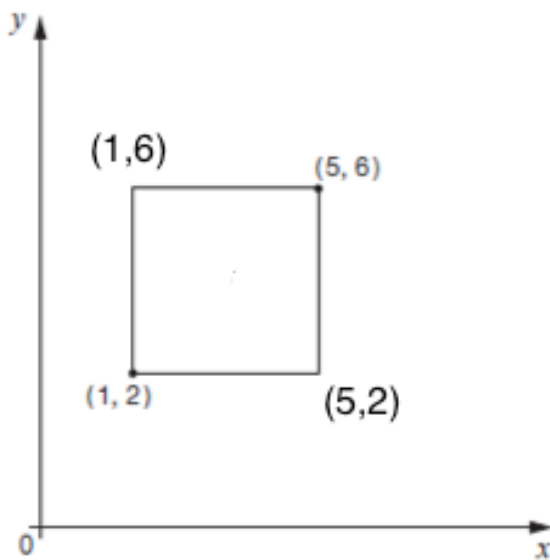
e Any reasonable answer eg. The heating came on / sun came up.

16.

22	13	4
35	17	
52		

7	1	3
8	4	
12		

17.



18 $b = 140$ degrees

19 $579 = 123 + 456$ or vice versa
(some digits may also be swapped around. Eg. $1\underline{5}3 + 4\underline{2}6$)

$975 = 321 + 654$ or vice versa
(some digits may also be swapped around)

$660 = 124 + 536$ or vice versa
(some digits may also be swapped around)