Oundle School: 11+ Maths 2011

School: Oundle School

Subject: Maths

Level: 11+

Time: 60 mins

Type: Test Paper

Year in use: 2011

search

Q.	Answer	Solution
1.	185	
2.	24	
3.	477	
4.	92	

5.

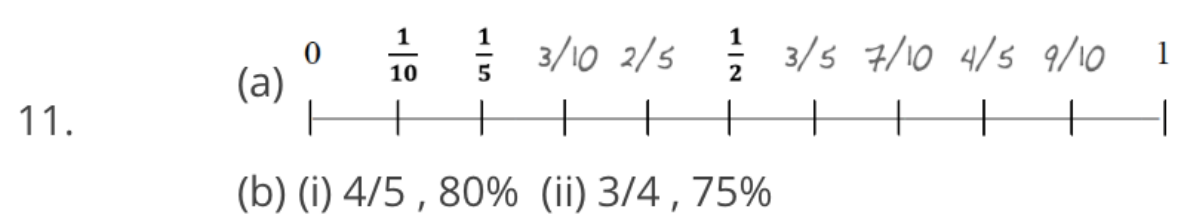| Score	Tally	No of times
1								6
2								6
3									7
4						4
5						4
6					3

3

6.   1.73 m

7.   (a) 30°

(b) 40°

8.   (a) 50

(b) 26200

(c) 0.6

(d) 0.55

(e) 3

(f) 5/8

9.   (b) 100

(c) 1,000,000

10.
(a) 0.45

(b) 1000

(c) 653

(d) 160

11.
(a)

$$0 \quad \frac{1}{10} \quad \frac{1}{5} \quad 3/10 \quad 2/5 \quad \frac{1}{2} \quad 3/5 \quad 7/10 \quad 4/5 \quad 9/10 \quad 1$$

(b) (i) 4/5 , 80% (ii) 3/4 , 75%

12.
70,017,007

13.
147°C

14.
(a) +

(b) ÷

(c) ÷ , + , ×

15.
(a) 5 × (4 ÷ 3) = 35

(b) (24 − 6) − (3 + 8) = 7

(c) (11 + 21) ÷ (7 + 9) = 2

16.

(a) 4 miles

(b) 20 miles

(c) 14 miles

No

Amy's average speed = 30 ÷ 4 = 7.5 miles per hr

Lucinda runs 8 miles per hour. Hence Amy is incorrect to say that her average speed is faster than Lucinda's.

360 calories

17.

Northampton	08:45	09:18	15.30
Wellingborough	09:15	09:48	16:00
Kettering	09:45	10:18	16:30
Corby	10:05	10:38	16:50
Oundle	10:38	11:11	17:23
Peterborough	11:00	11:33	17:45

Maggie's travel time from Northampton to Oundle is 1 hr 53 mins

Betty's travel time from Wellingborough to Peterborough is 1 hr 45 mins

Therefore, Maggie's journey is longer by 8 minutes.

18.

(a) 26, 32, 28
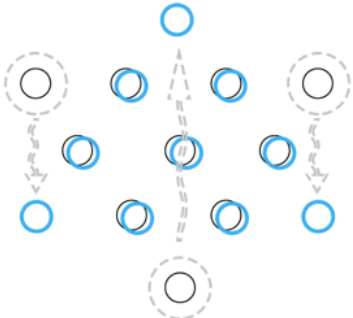
(b) 1, 0.5, 0.25

(c) 11, 8, 3

(d) 62, 81, 104

19.	£500
20.	Game A: 940.3 Game B: 0.349

Section B

Q. ⬍	Answer ⬍	Solution ⬍
21.	1 2/3	
22.	(d)	
23.		
24.	(a) £100,000 (b) £1,100,000 (c) £110,000 (d) £1,210,000	
25.	A = 8 B = 1 C = 6 D = 4 E = 9	

25.	A = 8	
	B = 1	
	C = 6	
	D = 4	
	E = 9	
	F = 3	
	G = 5	
26.	90	