

Alleyn's School: 11+ Maths Sample Paper 1 (2017)

School: Alleyn's School
Subject: Maths
Level: 11+
Time: 60 mins
Type: Sample Paper 1
Year in use: 2017



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Part A

Q  Sample Answers 

1. (c)

2. (b)

3. (b)

4. (c)

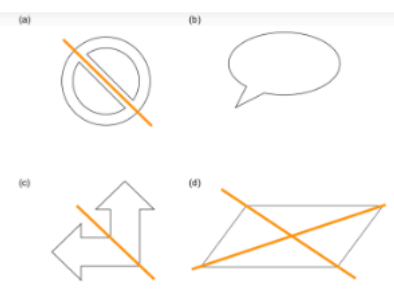
5. (a)



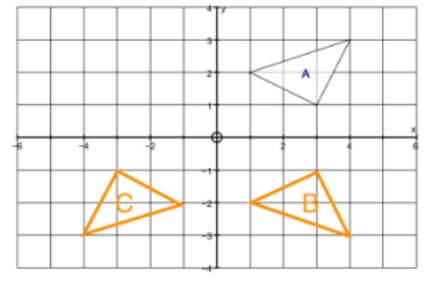
6.	(e)
7.	(c)
8.	(b)
9.	(c)
10.	(d)
11.	(a) 751 (b) 157 (c) 2368 (d) 523
12.	(a) $\frac{7}{9}$ (b) $\frac{7}{8}$ (c) $\frac{1}{3}$ (d) $6\frac{4}{7}$
13.	(a) 19 , 22 (b) 37 , 33 (c) 28 , 36 (d) 66 , 64 (e) 128 , 512
14.	3.55 , 5.35 , 5.53 , 35.5 , 53.5 , 55.3



15.



16.



17.

- (a) 3
- (b) 8
- (c) 10

18.

- (a) 7:10
- (b) 240 cm
- (c) 160:3

19.

- (a) 49 cm
- (b) 14 (packets)

20.

Number of Cows	1	2	3	4	10	100
Total Number of Legs	6	10	14	18	42	402

$L = 4 \times C + 2$

21.

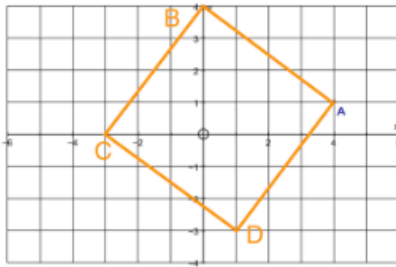
44 (stickers)

22. (a) 12 s
(b) 120 m

23. (a) 0.7
(b) 1.25

24.

(a), (b)



- (c) D (1, -3)
(d) 25

25. (a) 120 km
(b) Car B
(c) Car B
(d) 40 km
(e) Car B passed Car A
(f) Car B between 3:15 and 3:45
(g) [sic] Car B

26. (a) A = 1, B = 4, C = 8
(b) 1089