

Magdalen College School Oxford. 11+ Maths Specimen Paper (2015)



School: Magdalen College School

Subject: Maths

Level: 11+

Time: 55 mins

Type: Sample Paper

Year in use: Latest version (last checked Oct 2015)

Q ▾

Answer ▾

Solution ▾

1. (a) 231
(b) 142
(c) 447
(d) 477
(e) 851
(f) 34
(g) 426



2. (a) 24 cm²
(b) 30 cm

3. (a) $\frac{3}{4}$
(b) $\frac{1}{2}$

4. (a) £21
(b) £14
(c) £28

5. (a) 50°
(b) 130°
(c) 28°
(d) 28°

6. (a) 23 , 27
(b) 48 , 96
(c) 33 . 45
(d) $\frac{9}{37}$, $\frac{11}{50}$



7.

Fraction	Decimal	Percentage
$\frac{1}{2}$	0.5	50%
$\frac{3}{4}$	0.75	75%
$\frac{3}{5}$	0.6	60%
$\frac{17}{20}$	0.85	85%

8.

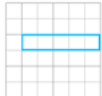
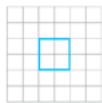
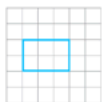
(a) 35 mins

	Express	Stopping	Express	Stopping	Express	Stopping
Edinburgh	13:18	13:43	14:24	14:41	15:20	15:34
Haymarket		14:06		15:04		15:57
Kircaldy		14:18		15:16		16:09
Ladybank		14:23		15:21		16:14
St Andrews	14:02	14:38	15:08	15:36	16:04	16:29

(c) 11 mins

(d) 7 mins

9.





-
10. (a) £3.15
(b) 8 pens
(c) Pens 4 Pencils 9

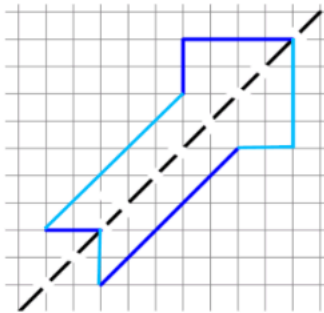
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11. (a) 24 boy scouts
(b) 8 days
(c) 15 loaves

12. $60\% < 0.66 < \frac{2}{3} < \frac{17}{25}$

-
13. 1 , 5 , 9 , 13

-
14. 5:55 am

15.



16.

- (a) 86427
- (b) 48762
- (c) 67
- (d) 76×8

17.

- (a) 20
- (b) 84
- (c) 85

18.

8	÷	4	=	2
-				×
7				3
=				=
1	+	5	=	6