

# Sample 11+ Assessment Test for the CEM Test — Maths

Pupil's name:

Test date:

School name:

### Date of Birth

Day	Month	Year
[0]	January	2005
[1]	February	2006
[2]	March	2007
[3]	April	2008
[4]	May	2009
[5]	June	2010
[6]	July	2011
[7]	August	2012
[8]	September	2013
[9]	October	2014
	November	2015
	December	2016

Pupil Number						School Number					
[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]	[0]
[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]	[2]
[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]	[3]
[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]	[4]
[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]	[5]
[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]	[6]
[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]	[7]
[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]	[8]
[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]	[9]

Please mark  
like this:

Sample Test

Answer multiple-choice questions by marking the correct box.

**i**

A

B

C

D

E

For write-in questions, put the correct number at the top, and mark it below. You might not need to use all the columns.

**ii**

3 8 cm

[0]	[0]	[0]
[1]	[1]	[1]
[2]	[2]	[2]
[3]	<input checked="" type="checkbox"/>	[3]
[4]	[4]	[4]
[5]	[5]	[5]
[6]	[6]	[6]
[7]	[7]	[7]
[8]	[8]	[8]
[9]	[9]	[9]

## Section A

**1**

A

B

C

D

E

**2**

minutes

[0]	[0]	[0]
[1]	[1]	[1]
[2]	[2]	[2]
[3]	[3]	[3]
[4]	[4]	[4]
[5]	[5]	[5]
[6]	[6]	[6]
[7]	[7]	[7]
[8]	[8]	[8]
[9]	[9]	[9]

**3**

A

B

C

D

E

**4**

A

B

C

D

E

**5**

A

B

C

D

E

**6**

A

B

C

D

E

**7**

m

[0]	[0]
[1]	[1]
[2]	[2]
[3]	[3]
[4]	[4]
[5]	[5]
[6]	[6]
[7]	[7]
[8]	[8]
[9]	[9]

**8**

cm

[0]	[0]	[0]
[1]	[1]	[1]
[2]	[2]	[2]
[3]	[3]	[3]
[4]	[4]	[4]
[5]	[5]	[5]
[6]	[6]	[6]
[7]	[7]	[7]
[8]	[8]	[8]
[9]	[9]	[9]

**9**

[0]	[0]
[1]	[1]
[2]	[2]
[3]	[3]
[4]	[4]
[5]	[5]
[6]	[6]
[7]	[7]
[8]	[8]
[9]	[9]

**10**

A

B

C

D

E

**11**

A

B

C

D

E

**12**

£

[0]	[0]	[0]	[0]
[1]	[1]	[1]	[1]
[2]	[2]	[2]	[2]
[3]	[3]	[3]	[3]
[4]	[4]	[4]	[4]
[5]	[5]	[5]	[5]
[6]	[6]	[6]	[6]
[7]	[7]	[7]	[7]
[8]	[8]	[8]	[8]
[9]	[9]	[9]	[9]

**13**

A

B

C

D

E

**14**

A

B

C

D

E

**15**

minutes

[0]	[0]	[0]
[1]	[1]	[1]
[2]	[2]	[2]
[3]	[3]	[3]
[4]	[4]	[4]
[5]	[5]	[5]
[6]	[6]	[6]
[7]	[7]	[7]
[8]	[8]	[8]
[9]	[9]	[9]

**16**

A

B

C

D

E

**17**

A

B

C

D

E

F

18

0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	

19

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

20

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

21

0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	

22

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

23

			cm <sup>2</sup>
0	0		
1	1		
2	2		
3	3		
4	4		
5	5		
6	6		
7	7		
8	8		
9	9		

24

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

25

0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	

26

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

27

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

28

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

29

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

30

			%
0	0		
1	1		
2	2		
3	3		
4	4		
5	5		
6	6		
7	7		
8	8		
9	9		

## Section B

1

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

2

£			.		
0	0	0	0	0	
1	1	1	1	1	
2	2	2	2	2	
3	3	3	3	3	
4	4	4	4	4	
5	5	5	5	5	
6	6	6	6	6	
7	7	7	7	7	
8	8	8	8	8	
9	9	9	9	9	

3

			cm <sup>2</sup>
0	0		
1	1		
2	2		
3	3		
4	4		
5	5		
6	6		
7	7		
8	8		
9	9		

4

				m
0	0	0		
1	1	1		
2	2	2		
3	3	3		
4	4	4		
5	5	5		
6	6	6		
7	7	7		
8	8	8		
9	9	9		

5

			:		
0	0	0	0	0	
1	1	1	1	1	
2	2	2	2	2	
3	3	3	3	3	
4	4	4	4	4	
5	5	5	5	5	
6	6	6	6	6	
7	7	7	7	7	
8	8	8	8	8	
9	9	9	9	9	

6

			.			m <sup>2</sup>
0	0	0	0	0		
1	1	1	1	1		
2	2	2	2	2		
3	3	3	3	3		
4	4	4	4	4		
5	5	5	5	5		
6	6	6	6	6		
7	7	7	7	7		
8	8	8	8	8		
9	9	9	9	9		

7

					o
0	0	0	0	0	
1	1	1	1	1	
2	2	2	2	2	
3	3	3	3	3	
4	4	4	4	4	
5	5	5	5	5	
6	6	6	6	6	
7	7	7	7	7	
8	8	8	8	8	
9	9	9	9	9	

8

0	0	
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	

9

A	<input type="checkbox"/>	
B	<input type="checkbox"/>	
C	<input type="checkbox"/>	
D	<input type="checkbox"/>	
E	<input type="checkbox"/>	

10

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

11

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

12

0	0	0	0	0
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9

13

0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

14

					£
0	0	0	0	0	
1	1	1	1	1	
2	2	2	2	2	
3	3	3	3	3	
4	4	4	4	4	
5	5	5	5	5	
6	6	6	6	6	
7	7	7	7	7	
8	8	8	8	8	
9	9	9	9	9	

15

0	0	0
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9

16

[0]	[0]
[1]	[1]
[2]	[2]
[3]	[3]
[4]	[4]
[5]	[5]
[6]	[6]
[7]	[7]
[8]	[8]
[9]	[9]

17

[0]	[0]	years
[1]	[1]	
[2]	[2]	
[3]	[3]	
[4]	[4]	
[5]	[5]	
[6]	[6]	
[7]	[7]	
[8]	[8]	
[9]	[9]	

18

[0]	[0]	m
[1]	[1]	
[2]	[2]	
[3]	[3]	
[4]	[4]	
[5]	[5]	
[6]	[6]	
[7]	[7]	
[8]	[8]	
[9]	[9]	

19

[0]	[0]	m <sup>2</sup>
[1]	[1]	
[2]	[2]	
[3]	[3]	
[4]	[4]	
[5]	[5]	
[6]	[6]	
[7]	[7]	
[8]	[8]	
[9]	[9]	

20

[0]	[0]	%
[1]	[1]	
[2]	[2]	
[3]	[3]	
[4]	[4]	
[5]	[5]	
[6]	[6]	
[7]	[7]	
[8]	[8]	
[9]	[9]	

21

A

B

C

D

E

22

A

B

C

D

E

23

[0]	[0]	[0]	cm <sup>3</sup>
[1]	[1]	[1]	
[2]	[2]	[2]	
[3]	[3]	[3]	
[4]	[4]	[4]	
[5]	[5]	[5]	
[6]	[6]	[6]	
[7]	[7]	[7]	
[8]	[8]	[8]	
[9]	[9]	[9]	

24

A

B

C

D

E

25

[0]	[0]	[0]	m
[1]	[1]	[1]	
[2]	[2]	[2]	
[3]	[3]	[3]	
[4]	[4]	[4]	
[5]	[5]	[5]	
[6]	[6]	[6]	
[7]	[7]	[7]	
[8]	[8]	[8]	
[9]	[9]	[9]	

26

[0]	[0]
[1]	[1]
[2]	[2]
[3]	[3]
[4]	[4]
[5]	[5]
[6]	[6]
[7]	[7]
[8]	[8]
[9]	[9]

27

[0]	[0]	[0]	°
[1]	[1]	[1]	
[2]	[2]	[2]	
[3]	[3]	[3]	
[4]	[4]	[4]	
[5]	[5]	[5]	
[6]	[6]	[6]	
[7]	[7]	[7]	
[8]	[8]	[8]	
[9]	[9]	[9]	

28

A

B

C

D

E

29

[0]	[0]	[0]	hours
[1]	[1]	[1]	
[2]	[2]	[2]	
[3]	[3]	[3]	
[4]	[4]	[4]	
[5]	[5]	[5]	
[6]	[6]	[6]	
[7]	[7]	[7]	
[8]	[8]	[8]	
[9]	[9]	[9]	

30

[0]	[0]	[0]	minutes
[1]	[1]	[1]	
[2]	[2]	[2]	
[3]	[3]	[3]	
[4]	[4]	[4]	
[5]	[5]	[5]	
[6]	[6]	[6]	
[7]	[7]	[7]	
[8]	[8]	[8]	
[9]	[9]	[9]	