



# Mental Maths

## Tests



**Year Six:**

# Test One

1		20p
---	--	-----


11		
----	--	--

2		30 120
---	--	-----------

12		3 5 9 17 —
----	--	------------

3		
---	--	--

13	$\frac{1}{4}$	$\frac{40}{60}$	$\frac{1}{4}$	$\frac{4}{10}$	$\frac{1}{40}$
----	---------------	-----------------	---------------	----------------	----------------

4		
---	---	--

14		350 720
----	--	---------

5	ml	2 ½ litres
---	----	------------


15		
----	--	--

6	£	80p
---	---	-----

16		37 23 44
----	--	----------

7		520
---	--	-----

17	£	£45
----	---	-----

8		9:50 20
---	---	------------

18		24 40
----	--	-------

9	m	
---	---	--

19		<table border="1"> <tr> <td>Silver</td> <td>    </td> <td>  </td> </tr> <tr> <td>Red</td> <td>    </td> <td>    </td> </tr> </table>	Silver			Red		
Silver								
Red								

10		3.5 4.8
----	--	------------

20	$50 \times 19$	$49 \times 20$	$1.9 \times 50$
	$4.9 \times 1.9$	$5.9 \times 20$	

# Test Two

1		10p
---	--	-----

11		
----	--	--

2		60 120
---	--	-----------

12		5 9 17 33 —
----	--	-------------

3		
---	--	--

13		4/7 21
----	--	-----------

4	<table border="1"><tr><td>:</td></tr></table>	:	
:			

14		520 290
----	--	---------

5		250 g 3 kg
---	--	------------

15		25 500
----	--	--------

6		60
---	--	----

16		37 23 46
----	--	----------

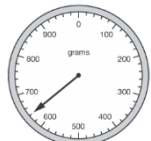
7		460
---	--	-----

17	£	£25
----	---	-----

8	<table border="1"><tr><td>:</td></tr></table>	:	10:15 25
:			

18		34 50
----	--	-------

9	m	
---	---	--

19	g	
----	---	---

10		4.5 1.3
----	--	------------

20		
----	--	--

# Test Three

1		
---	--	--

11		
----	--	--

2		356
---	--	-----

12		21
----	--	----

3	2:30 am 4:30 pm 1:43 pm 2:30pm	
---	---	--

13		
----	--	--

4		210
---	--	-----

14		3.5
----	--	-----

5	m	
---	---	--

15		
----	--	--

6	minutes	
---	---------	--

16	£	Adults 5.50 Children 3.00
----	---	------------------------------

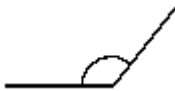
7		$1\frac{1}{2}$ $4\frac{1}{2}$
---	--	-------------------------------

17		97
----	--	----

8		23 27
---	--	-------

18	4 5 6 20 60 90	
----	-------------------	--

9		500 230
---	--	---------

19	60° 90° 110° 135° 240°	
----	---------------------------	---

10		105
----	--	-----

20	£	37p
----	---	-----

# Test Four

1		
---	--	--

11		
----	--	--

2		454
---	--	-----

12		21
----	--	----

3	4:30 am 4:30 pm 1:63 pm 2:30pm	
---	---	--

13		
----	--	--

4		280
---	--	-----

14		3.5
----	--	-----

5	m	
---	---	--

15	£	70%
----	---	-----

6		
---	--	--

16	£	Adults 5.00 Children 3.50
----	---	------------------------------

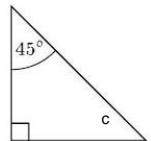
7		$2\frac{1}{2}$ $3\frac{1}{2}$
---	--	-------------------------------

17		52
----	--	----

8		53   27
---	--	---------

18	40   59   63 102   601   90	
----	--------------------------------	--

9		300   230
---	--	-----------

19	o	
----	---	---

10		75
----	--	----

20	km	
----	----	--

# Test Five

1		50p
---	--	-----

11	cm	10 cm
----	----	-------

2		
---	--	--

12		12 20
----	--	-------

3		490
---	--	-----

13	2g 20g 200g 2kg 20kg	
----	-------------------------	--

4		
---	--	--


14		99
----	--	----

5	£	£45
---	---	-----

15	0.25 0.52 0.5 0.4 0.2	
----	--------------------------	--

6		860
---	--	-----

16		14 23 41
----	--	----------

7		2:50 pm
---	---	---------

17	600 700 800 900 1000	
----	-------------------------	--

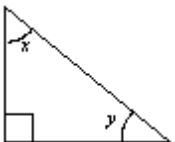
8		
---	--	--

18	0.27 0.207 0.027 2.07 2.7	
----	---------------------------------	--

9	m	376 cm
---	---	--------

19		10 4.3
----	--	--------

10		15.5
----	--	------

20	o	
----	---	---

# Test Six

1		50p
---	--	-----

11	cm	12 cm
----	----	-------

2		
---	--	--

12	0.625 0.25 0.125 0.5	
----	-------------------------------	--

3		380
---	--	-----

13		
----	--	--

4		0.8
---	--	-----

14		
----	--	--

5		56
---	--	----

15	0.25 0.52 0.5 1.4 0.2	
----	--------------------------	--

6		990
---	--	-----

16		32 21 18
----	--	----------

7		2:45 pm
---	--	---------

17	£	
----	---	--


8		
---	--	--

18		
----	--	--

9		676
---	--	-----

19		10 8.35
----	--	---------

10		72
----	--	----

20	o	
----	---	---





# Test Eight

1

26 80

11

2

12

cm

3

13

57

4

14

389 552

5

30

15

20 32

6

£

cost of 1kg	
pears	95p
apples	85p
plums	£1.25

16

99%

7



9:55

17

3608, 3708, 3808, \_\_\_\_

8

123

18



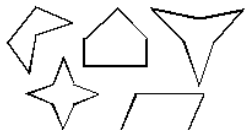
2:00 pm

9

8.1 4.6

19

10



20

£

£2.40

# Test Nine

1

11

m

2

90

12

40

3

13

$5h - 2$

4

%

20 40

14

0.1 0.2 0.3

0.4 0.5

5

g

15

6

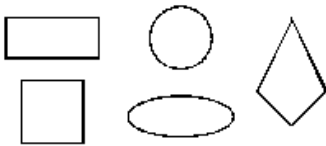
£

£4.90

16

34

7



17

£

Pizzas

Small £6.50

Medium £7.50

Large £8.40

8

18

15

9

1.9 2.7

19

45p

10

$\frac{1}{2}$   $\frac{3}{4}$

20

o



# Test Ten

1

11

2

90

12

0.3   0.4   0.302  
0.03   0.2

3

13

$5h - 2$

4

20%

14

ml

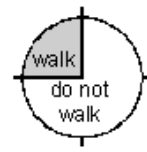


5

kg

15

%



6

£

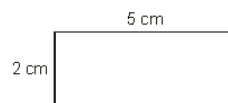
£3.75

16

109

7

cm



17

10 12

8

18

13

9

3.7   5.3

19

18p

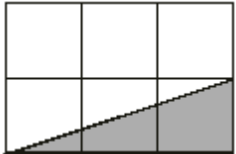
10

20

g

# Test Eleven

1		
---	--	--

11		
----	--	---

2		70
---	--	----

12	m	
----	---	--

3	hours	
---	-------	--

13	°C	6°C
----	----	-----

4		
---	--	--

14		1.3
----	--	-----

5		60
---	--	----

15		7.5
----	--	-----

6		
---	--	--

16		
----	--	--

7		07:15 07:35 07:55 08:15
---	--	----------------------------------

17		30 80
----	--	-------


8	$\frac{1}{20}$ $\frac{1}{100}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{10}$	
---	---	--

18	100 140 260 300 340	
----	------------------------	--

9	£	55p
---	---	-----

19		
----	--	--

10		5
----	--	---

20	o	
----	---	---

# Test Twelve

1	hours	
---	-------	--

11	°C	- 8°C
----	----	-------

2		90
---	--	----

12	m	
----	---	--

3		30
---	--	----

13		$6 \times 5 - 7$
----	--	------------------

4		
---	--	--

14		1.3
----	--	-----

5		1/8
---	--	-----

15		
----	--	--

6		
---	--	--

16		
----	--	--

7		07:10 07:45 08:20 08:55
---	--	----------------------------------

17		40 90
----	--	-------

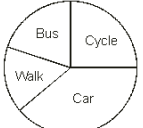
8	$\frac{1}{20}$ $\frac{1}{100}$ $\frac{2}{3}$ $\frac{3}{4}$ $\frac{5}{10}$	
---	---	--

18		$4y = 44$
----	--	-----------

9	£	53p
---	---	-----

19	cm <sup>2</sup>	2cm 19cm
----	-----------------	----------

10		
----	--	--

20	%	
----	---	---

# Test Thirteen

1		
---	--	--

11	p	32p
----	---	-----

2		
---	--	--

12		N
----	--	---

3		9
---	--	---

13		
----	--	--

4	%	
---	---	--

14	ml	
----	----	--

5		
---	--	--

15		30 40
----	--	-------

6	2°C -5°C 5°C 0°C -1°C	
---	--------------------------	--

16		23
----	--	----

7	cm	
---	----	--

17	p	
----	---	--

8		5
---	--	---

18		
----	--	--

9		<p>Prices</p> <hr/> <p>pen     £1.20 ruler   £0.75 pencil  £0.55</p>
---	--	--

19	_____ and _____	
----	-----------------	--

10		
----	--	--

20		39
----	--	----

# Test Fourteen

1		
---	--	--

11	£	£29
----	---	-----

2		
---	--	--

12		23
----	--	----

3		
---	--	--

13		
----	--	--

4		
---	--	--

14	ml	
----	----	--

5	18°C -8°C 8°C 0°C -2°C	
---	---------------------------	--

15		50 10
----	--	-------

6	m	
---	---	--

16		
----	--	--

7	:	
---	---	--

17	p	
----	---	--

8		5
---	--	---

18		436
----	--	-----

9	£	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2">Prices</th> </tr> </thead> <tbody> <tr> <td>pen</td> <td>£1.20</td> </tr> <tr> <td>ruler</td> <td>£0.75</td> </tr> <tr> <td>pencil</td> <td>£0.55</td> </tr> </tbody> </table>	Prices		pen	£1.20	ruler	£0.75	pencil	£0.55
Prices										
pen	£1.20									
ruler	£0.75									
pencil	£0.55									

19		33
----	--	----

10		
----	--	--

20		<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>School dinner</td> <td><input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></td> </tr> <tr> <td>Packed lunch</td> <td><input type="checkbox"/> <input type="checkbox"/></td> </tr> </table>	School dinner	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Packed lunch	<input type="checkbox"/> <input type="checkbox"/>
School dinner	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					
Packed lunch	<input type="checkbox"/> <input type="checkbox"/>					

# Test Fifteen

1		228 80
---	--	--------

11		
----	--	--

2	p	90p
---	---	-----

12	°C	
----	----	--

3		
---	--	--

13	cm <sup>2</sup>	
----	-----------------	--

4		
---	--	--

14		
----	--	--

5		
---	--	--

15		0.9
----	--	-----

6		308
---	--	-----

16		
----	--	--

7		150
---	--	-----

17	0.7 0.077 0.707 0.77 7.007	
----	----------------------------------	--

8	p	30p
---	---	-----

18		44
----	--	----

9	mm	15cm
---	----	------

19	£	£1.95
----	---	-------

10		
----	--	--

20	girls	45
----	-------	----



# Test Sixteen

1		180 23
---	--	--------

11		
----	--	--

2		
---	--	--

12		°C
----	--	----

3		
---	--	--

13		cm <sup>2</sup>
----	--	-----------------

4		
---	--	--

14		
----	--	--

5		
---	--	--

15		15 - n = 6
----	--	------------

6		308
---	--	-----

16		
----	--	--

7		
---	--	--

17	0.8 0.018 0.808 0.88 8.108	
----	----------------------------------	--

8	p	28p
---	---	-----

18		
----	--	--

9	mm	21
---	----	----

19	£	£1.99
----	---	-------

10		
----	--	--

20		<table border="1"> <tr> <td>Present</td> <td>◆◆◆◆◆◆◆◆</td> </tr> <tr> <td>Absent</td> <td>◆◆</td> </tr> </table>	Present	◆◆◆◆◆◆◆◆	Absent	◆◆
Present	◆◆◆◆◆◆◆◆					
Absent	◆◆					

# Test Seventeen

1		
---	--	--

11	20% 30% 40% 50% 60%	
----	------------------------	--

2	£	
---	---	--

12		
----	--	--

3		
---	--	--

13	£	90p
----	---	-----

4		
---	--	--

14		g
----	--	---

5		
---	--	--

15		$10 + 3m$
----	--	-----------

6		50
---	--	----

16		9 19 29
----	--	---------

7		999
---	--	-----

17	£	15p
----	---	-----

8		95
---	--	----

18		
----	--	--

9		440
---	--	-----

19		3 remainder 4
----	--	---------------

10	cm	
----	----	--

20		
----	--	--

# Test Eighteen

1

11 34


2 73

12

	Blue eyes	Green eyes
Blonde hair	Jack	Molly
Brown hair	Raj	Ali

3 88

13 0



4

14  $3b = 12$

5 ml  $\frac{3}{4}$

15 205

6

16

Cats	◆	◆	◆	◆
Dogs	◆	◆	◆	

7

17 £ 60p

8 NE

18

9 660

19 \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

10


20

10	15	20
25	30	35
40	45	50

# Test Nineteen

1		
---	--	--

11	0.14 0.24 0.34 0.44 0.54	
----	-----------------------------	--

2		40
---	--	----

12		630
----	--	-----

3		
---	--	--

13		31.9
----	--	------

4	mm	
---	----	--

14	cm <sup>2</sup>	
----	-----------------	--

5		
---	--	--

15	5%	
----	----	--

6		150
---	--	-----

16		90
----	--	----

7		50 80
---	--	-------

17		35
----	--	----

8	£	
---	---	--

18		65
----	--	----

9	<table border="1"><tr><td>:</td></tr></table>	:	8:00 pm
:			

19		0.05 0.5
----	--	----------

10		50p
----	--	-----

20	£	£1.50
----	---	-------

# Test Twenty

1

11

4.7, 4.8, 4.9, \_\_\_\_\_, \_\_\_\_\_

2

15

12

$17 \times 17 = 289$   
 $170 \times 17 = \underline{\hspace{2cm}}$

3

63

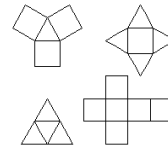
13

23

4

m

14



5

£

15

44

6

150

16

18 19 20 21 22

7

50 80

17

75

8

3596

18

0.1 0.2

9

:

19

10

£

£50

20


£

	train	bus
adult	£2.00	£1.20
child	£1.00	40p

# Test Twenty-One

1		90
---	--	----

11	£	£3.55
----	---	-------

2		10:15
---	---	-------

12		280
----	--	-----

3		9
---	--	---

13		
----	--	--

4		0.7
---	--	-----

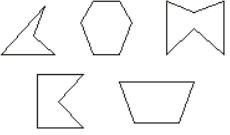
14		25
----	--	----

5	m	
---	---	--


15		20 30
----	--	-------

6		
---	--	--

16		399
----	--	-----

7		
---	---	--

17		108
----	--	-----

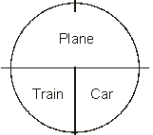
8		
---	--	---

18		35
----	--	----

9	°C	
---	----	--

19		9
----	--	---


10		
----	--	--

20		
----	--	---

# Test Twenty-Two

1		75
---	--	----

11		20p
----	--	-----

2		3:20
---	---	------

12	£	£1.25
----	---	-------

3		9
---	--	---

13		0.65
----	--	------

4		2.5 10
---	--	--------

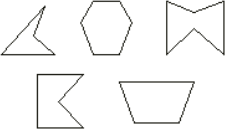
14		
----	--	--

5	m	
---	---	--

15		40 800
----	--	--------

6		
---	--	--

16	%	<table border="0"> <tr> <td>magazine</td> <td>25%</td> </tr> <tr> <td>food</td> <td>40%</td> </tr> <tr> <td>clothes</td> <td></td> </tr> </table>	magazine	25%	food	40%	clothes	
magazine	25%							
food	40%							
clothes								

7		
---	---	--

17	<table border="0"> <tr> <td>4.805</td> <td>4.085</td> </tr> <tr> <td>4.508</td> <td></td> </tr> <tr> <td>4.85</td> <td>4.58</td> </tr> </table>	4.805	4.085	4.508		4.85	4.58	
4.805	4.085							
4.508								
4.85	4.58							

8		
---	--	--

18		1994 4003
----	--	-----------

9	°C	
---	----	--

19		<table border="0"> <tr> <td>1 red</td> </tr> <tr> <td>1 green</td> </tr> <tr> <td>3 blue</td> </tr> </table>	1 red	1 green	3 blue
1 red					
1 green					
3 blue					

10		
----	--	--

20	£	
----	---	--

# Test Twenty-Three

1		49
---	--	----

11		50
----	--	----

2		
---	--	--

12	£	£9.50
----	---	-------

3		
---	--	--

13		
----	--	--

4		
---	--	--

14		o
----	--	---

5		7.5
---	--	-----

15	cm	
----	----	--

6		
---	--	--

16		
----	--	--

7		
---	--	--

17	$  \begin{array}{r}  0.36 \\  3.6 \quad 36 \\  360 \quad 3600  \end{array}  $	
----	---	--

8		9
---	--	---

18	hours	
----	-------	--

9	g	450g
---	---	------

19	____, _____, _____	21
----	--------------------	----

10		40
----	--	----

20		12 21
----	--	-------



# Test Twenty-Four

1

48

11

40

2

12

£

£1.35

3

13

20%    30%    40%  
50%    60%

4

79

14

o

5

4.31

15

cm

6

16

7

17

3 blue,  
1 red,  
4 black

8

18

hours

9

g

450g

19

4 5

10



20

$32 \times 27 = 864$   
 $16 \times 27 =$

# Test Twenty-Five

1

11

2

12

15 20 25

40 45

60 90

3

8500

13

4

2.5

14

5

mm

15

$3k + n$

6

16

£

55p

7

85 95

17

cm

8

minutes

18

9

5

19

10

0.65

20

0.001

# Test Twenty-Six

1

11

2

12

3

13

179

4

2.9

14

81

5

mm

15

$3k + n$

6

£

16

£

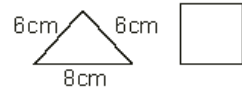
£1.49

7

78 82

17

cm



8

minutes

18

9

5

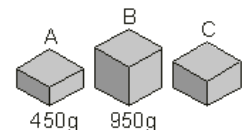
19

10

0.49

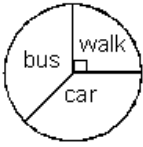
20

g



# Test Twenty-Seven

1		
---	--	--

11		
----	--	---

2		
---	--	--

12		
----	--	--

3		
---	--	--

13	0.09 0.89 0.1 1.2 1.19	
----	---------------------------	--

4		45
---	--	----

14		$50^\circ$
----	--	------------

5		150
---	--	-----

15		
----	--	--

6		29 89
---	--	-------

16		30 40 50 60 70
----	--	-------------------

7	£	£1.25
---	---	-------

17	£	£1.50
----	---	-------

8		9
---	--	---

18		$4n + 5$
----	--	----------

9	m	
---	---	--

19		
----	--	--

10		25%
----	--	-----

20		15 24
----	--	-------

# Test Twenty-Eight

1		
---	--	--

11	£	<table border="1"> <thead> <tr> <th colspan="3">Pizza</th> </tr> </thead> <tbody> <tr> <td>small</td> <td>medium</td> <td>large</td> </tr> <tr> <td>£6.00</td> <td>£7.50</td> <td>£9.00</td> </tr> <tr> <td colspan="3">extra topping 50p</td> </tr> </tbody> </table>	Pizza			small	medium	large	£6.00	£7.50	£9.00	extra topping 50p		
Pizza														
small	medium	large												
£6.00	£7.50	£9.00												
extra topping 50p														

2		
---	--	--

12		
----	--	--

3		
---	--	--

13		
----	--	--

4		45
---	--	----

14	N E S W	
----	------------------	--

5		600
---	--	-----

15		
----	--	--

6		96
---	--	----

16		25 40 30 60 75
----	--	-------------------

7	£	80p
---	---	-----

17	£	£2.55
----	---	-------

8		11
---	--	----

18		
----	--	--

9	m	
---	---	--

19		
----	--	--

10		25%
----	--	-----

20	31 33 35 37 39	
----	-------------------	--

# Test Twenty-Nine

1		
---	--	--

11	£	£110
----	---	------

2		
---	--	--

12	£	£3.60
----	---	-------

3	£	£4.50
---	---	-------

13	£	£62.50
----	---	--------

4	:	12:15
---	---	-------

14		3500
----	--	------

5	°C	
---	----	--

15		
----	--	--

6		500
---	--	-----

16		50
----	--	----

7		58 5
---	--	------

17	°	
----	---	--

8		
---	--	--

18		45 95
----	--	-------

9		
---	--	--

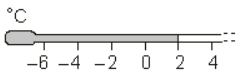
19	21 23 25 27	
----	-------------	--

10	30ml 300ml 3l 30l 300l	
----	---------------------------	--

20		$3y + 2$
----	--	----------

# Test Thirty

1		
---	--	--

11	°C	
----	----	---

2	ml	
---	----	--

12	£	£73.50
----	---	--------

3		206
---	--	-----

13		12 20
----	--	-------

4	seconds	
---	---------	--

14		4800
----	--	------

5	°C	
---	----	--

15		
----	--	--

6		127
---	--	-----

16		
----	--	--

7	cm	4cm
---	----	-----

17	1 5 4 2 1	
----	-----------	--

8	16, 12, 8, 4, _____, _____	
---	----------------------------	--

18		819
----	--	-----

9		2.6 0.8
---	--	---------

19		
----	--	--

10		25 <sup>th</sup> July
----	--	-----------------------

20		
----	--	--

**SCHOOLS**  
 **LINKS**

[schoolslinks.co.uk](http://schoolslinks.co.uk)