

# Short Maths

## (10 Min)

1

Which of the following numbers is **not** a cube number?

A	B	C	D	E
49	343	216	125	27

2

If the radius of a circle is 20cm, what does the diameter measure?

A	B	C	D	E
10cm	15cm	120cm	40cm	60cm

3

Which decimal is both smaller than 60% and bigger than two-fifths?

A	B	C	D	E
0.20	0.52	0.38	0.75	0.64

4

How many months are there in 5 years?

A	B	C	D	E
12	36	20	60	72

5

What is two-fifths of 180?

A	B	C	D	E
36	72	60	80	64

6

Which of the following numbers is divisible exactly by 7?

A	B	C	D	E
634	628	631	639	637

7

What is 35% of £290?

A	B	C	D	E
£98.50	£190.00	£101.50	£112.50	£105.50

8

How many millimetres are there in 2.71 metres?

A	B	C	D	E
271	2.71	2710	27.1	27100

9

If  $30 \times 38 = 1140$ , what is  $60 \times 38$ ?

A	B	C	D	E
2240	1180	2180	2420	2280

10

If 20% of a number is 45, what is the number?

A	B	C	D	E
225	215	195	245	250

11

6 books have a total mass of 1.8kg. What is the mean mass of the books?

A	B	C	D	E
30g	3g	300g	.60kg	3kg

12

If the temperature is  $6.4^{\circ}\text{C}$ , but then falls by 9 degrees overnight, what will the temperature be?

A	B	C	D	E
- $2.6^{\circ}\text{C}$	- $3.4^{\circ}\text{C}$	- $2.4^{\circ}\text{C}$	- $3.6^{\circ}\text{C}$	- $5.2^{\circ}\text{C}$

13

What is three quarters of an hour minus eleven minutes?

A	B	C	D	E
35 minutes	28 minutes	17 minutes	34 minutes	22 minutes

14

What is 7219 rounded to the nearest 10?

A	B	C	D	E
7220	7200	7210	7500	7000

15

What is the next number in the following sequence? 2, 3, 5, 8, 13, 21, ?

A	B	C	D	E
55	29	37	30	34

16

How many hours are there in 5 days?

A	B	C	D	E
60	120	84	168	140

17

What is the product of the prime numbers between one and ten?

A	B	C	D	E
105	42	210	35	51

18

What is the difference between 790 and 355?

A	B	C	D	E
435	425	415	445	455

19

What is the value of the Roman numeral L?

A	B	C	D	E
10	20	50	100	1000

20

How many times larger than 4 is 136?

A	B	C	D	E
28	32	39	34	35

21

If two angles in a triangle measure  $72^\circ$  and  $14^\circ$ , what will the third angle measure?

A	B	C	D	E
$92^\circ$	$104^\circ$	$94^\circ$	$88^\circ$	$124^\circ$

22

What will the time be 32 minutes after 11:15am?

A	B	C	D	E
11:47am	11:37am	11:52am	11:45am	11:48am

23

If you decrease 480 by 119, what is the result?

A	B	C	D	E
341	361	351	391	379

Numeracy

1. A
2. D
3. B
4. D
5. B
6. E
7. C
8. C
9. E
10. A
11. C
12. A
13. D
14. A
15. E
16. B
17. C
18. A
19. C
20. D
21. C
22. A
23. B