Short Maths 15 Min

1 How much is the 8 worth in the number 98206?

A	B	C	D	E
eighty thousand	eight thousand	eight hundred	eighty	eight

2 What sum of money multiplied by 7 equals £98.00?

A	B	C	D	E
£11	£13	£14	£15	£16

3 What is the difference in centilitres between 3.8 litres and 6 litres?

A	B	C	D	E
2.2cl	220cl	2200cl	0.2cl	22cl

4 What is the difference between 11^2 and 13^2?

A	B	C	D	E
46	51	48	50	58

5 6 books have a total mass of 1 kg 800 g. What is the average weight?

A	B	C	D	E
300g	30g	3kg	400g	500g

6 How many days are there in 18 weeks?

A	B	C	D	E
124	126	118	120	134

7 What would the diameter of a circle be if the radius was 9.5cm?

A	B	C	D	E
14.5cm	18cm	19cm	4.75cm	11.5cm

8 What would the following be as a decimal?   6 + 4 tenths + 5 hundredths.

A	B	C	D	E
645.00	64.5	0.645	6.45	6.045

9 Which of the following numbers is divisible by 6?   125   248   372   284   386

A	B	C	D	E
125	248	372	284	386

10 What is the time 27 minutes after 11:48am?

A	B	C	D	E
12:12pm	11:21am	12:15pm	12:16pm	12:25pm

11 What is the perimeter of a square with sides measuring 9.5cm?

A	B	C	D	E
36cm	42cm	40cm	38cm	90.25cm²

12 If two angles on a triangle are 49° and 23°, how many degrees will the third angle be?

A	B	C	D	E
112°	108°	288°	128°	92°

13 Which number is the next in the following sequence?   2, 4, 6, 10, 16, 26, ?

A	B	C	D	E
36	38	42	44	40

14 How much is 45% of £320?

A	B	C	D	E
£144	£140	£200	£180	£160

15 Find the value of x if, $26 - 4x = 14$

A	B	C	D	E
7	6	5	4	3

16 What is the result if you decrease 420 by 64?

A	B	C	D	E
366	376	386	356	354

17 How would you write twenty in Roman numerals?

A	B	C	D	E
VII	IIV	XIX	XX	CX

18 How many millimetres are there in 2.48 metres?

A	B	C	D	E
248mm	2480mm	28400mm	0.248mm	24.8mm

19 What is 19²?

A	B	C	D	E
263	361	38	380	216

20 What is 7:25pm on the 24 hour clock?

A	B	C	D	E
19:25	17:25	15:25	7:25	21:25

21 If the temperature is 2°C but falls by 11 degrees, what will the new temperature be?

A	B	C	D	E
-9°C	-13°C	-7°C	9°C	7°C

22 Find the missing number in the sequence, 8, 5, 10, 7, 12, ? 14, 11

A	B	C	D	E
7	15	13	9	8

23 What is three quarters of 60?

A	B	C	D	E
15	45	50	48	42

24 What is 20% of 280?

A	B	C	D	E
30	40	56	70	60

25 Which of the following numbers is not divisible by 4?   124   348   536   418   520

A	B	C	D	E
124	348	536	418	520

26 What is 7/20 as a percentage?

A	B	C	D	E
25%	35%	15%	30%	28%

27 How many sides does a heptagon have?

A	B	C	D	E
4	6	5	7	12

28 If 145 x 210 = 30,450, what is 145 x 105?

A	B	C	D	E
60,900	15,250	15,225	20,145	45,445

29 Round 4771.03 to the nearest 10.

A	B	C	D	E
4700	4771	4770	5000	4000

30 Which of the following numbers is both a square number and a cube number?

A	B	C	D	E
81	125	216	27	64

31 Which is the next number in the following sequence?   343, 216, 125, 64, ?

A	B	C	D	E
32	62	20	27	36

32 How many thirds are there in 9?

A	B	C	D	E
3	6	27	30	15

33 What is two fifths of sixty?

A	B	C	D	E
12	24	30	18	20

34 What is 216.3 minus 98.4?

A	B	C	D	E
114.9	115.9	119.7	117.9	314.7

35 3 x 8 > 3x . What is the biggest number x can be?

A	B	C	D	E
11	10	9	8	7

36 Which of the following numbers is not divisible by 3?   342   624   780   183   643

A	B	C	D	E
342	624	780	183	643

Full Mock 1 Answers

Short
Maths
1) B
2) C
3) B
4) C
5) A
6) B
7) C
8) D
9) C
10) C
11) D
12) B
13) C
14) A
15) E
16) D
17) D
18) B
19) B
20) A
21) A
22) B
23) C
24) D
25) D
26) B
27) D
28) C
29) C
30) E
31) D
32) C
33) B
34) D
35) E
36) E