

Mark scheme - Week 3

Q1.

C

Accept 18.

[1]

Q2.

(a) 24

1

(b) Any three numbers which multiply to make 30 (in any order), eg

length = 3

height = 5

width = 2

Other correct dimensions are:

30, 1, 1

15, 2, 1

10, 3, 1

6, 5, 1

Accept 7½, 2, 2

1

[2]

Q3.

(a) Indicates 10

1

Indicates 16

1

Indicates 30

1

(b) Indicates 24

1

[4]

Q4.

18

2

or

1728 seen (the volume of the cube/cuboid)

or

Shows or implies a complete correct method, eg:

- $12 \times 12 \times 12 = 1440$ (error)
 $1440 = 16 \times 6 \times \text{height}$
 $\text{height} = 1440 \div (16 \times 6) = 15$
- $12 \times 12 \times 12 \div 16 \div 6$
! Measures
See guidance

1

[2]

Q5.

Award **TWO** marks for the correct answer of 9

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $6 \times 6 \times 6 = 216$
 $216 \div 6 = 36$
 $36 \div 4$

OR

- $216 \div 24$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]

Q6.

Award **TWO** marks for the correct answer of 720

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $3 \times 4 \times 6 = 72$
 $8 \times 9 \times 11 = 792$
 $792 - 72 =$

Award **ONE** mark for sight of 792

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]

Q7.

38

[1]

Q8.

5

Do not accept 300 (minutes).

[1]

Q9.

- (a) 1 hour 20 minutes

The answer is a time interval (see Guidance).

1

- (b) 3:25

The answer is a specific time (see Guidance).

1

[2]

Q10.

- (a) 30 minutes

The answer is a time interval.

1

- (b) 9:25 am

The answer is a specific time.

1

[2]

Q11.

9:20

*The answer is a specific time
(see Applying the mark scheme for guidance)*

[1]

Q12.

23

[1]

Q13.

- (a) 23rd of August **OR** 23.8.98

*Accept 23rd **OR** 23 **OR** unambiguous circling of the correct date on the calendar.*

1

- (b) Wednesday

*Accept Wed **OR** recognisable misspellings of Wednesday
OR Wednesday ringed.*

1

[2]

Q14.

86,400

[1]

Q15.

- (a) 3

1

- (b) 2 hours 5 minutes

The answer is a time interval

1

(c) 18:15

*The answer is a specific time
Accept 6:15*

1

[3]

Q16.

The correct time circled as shown:

Leaves London	Arrives Paris
12:01	15:22
12:25	15:56
13:31	16:53
14:01	17:26
14:31	17:53
15:31	18:53
16:01	19:20

*Accept alternative unambiguous positive indications, e.g. 14:01
ticked or underlined.*

*Accept 17:26 circled in addition to 14:01, provided no other time is
circled.*

Do not accept only the arrival time 17:26 circled.

[1]

Q17.

(a) 38

The answer is a time interval.

1

(b) 10:21

The answer is a specific time.

1

(c) 10:58

1

[3]

Q18.

(a) 46

The answer is a time interval.

1

(b) 10:44

The answer is a specific time.

1

[2]

Q19.

03:10 **10:03** **13:10**
15:10 **10:15**

Accept other unambiguous indication of correct answer

[1]

Q20.

(a) 07:33

The answer is a specific time.

1

(b) 07:35

The answer is a specific time.

1

[2]

Q21.

(a) 3 hours 35 minutes

*The answer is a time interval
(see guidance)*

1

(b) 15:15

*The answer is a specific time
(see guidance)*

Accept quarter past three

1

[2]

Q22.

7

Accept 7.00 OR 7 o' clock OR 19.00

1

July **AND** August

*Both months must be correct.
Accept months in any order.
Accept recognisable mis-spellings.*

1