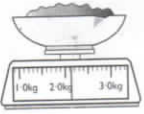



Topic Assessment **9**
Weight

Name: _____

1 Write each weight, in grams, to the nearest 100 g.

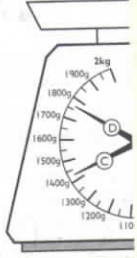


2100 g



4800 g

2 Write each weight, in kilograms, to the nearest $\frac{1}{10}$ kg.



3 Write each weight

6 kg 105 g →

5096 g →


4 A double decker bus has 14 seats on each deck. Fourteen adults take the bus. There are 56 adults on the bus. What is the appropriate unit for the number of passengers and its passenger capacity?

Topic Assessment **10**
Length

Name: _____

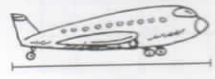
1 Each model plane is drawn to a different scale. Measure each plane, then calculate its true length.

Scale: 1 cm to 4 cm



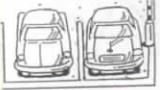
True length = 16 cm

Scale: 1 cm to 20 cm



True length = 120 cm

2 This plan of a car park is drawn to a scale of 1 cm to 5 m.



5.3 cm	7.2 cm
53 mm	72 mm
cm 3 mm	7 cm 2 mm

2 km

Gyle

gyle. 5200 m

24 m

eter = 64 m

Brainy Bunch +
Masterminds

TOPIC ASSESSMENT ANSWERS

↙

↘


11a

11b


Topic Assessment **11a**
Time

Name: _____


1 Write each time as a 24-hour time.



03:00




13:27




22:06


2 Write each time as a 12-hour time. Use am or pm.



6.30 am



3.33 pm



6.09 pm

3 9.12 pm 19:24 noon 12:03 21:21 7.42 pm

Write the times in order. Start with the earliest.

noon, 12:03, 19:24, 7.42 pm, 9.12 pm, 21:21

4 Match the times.

16:51

23:14

04:48

00:02

just before 11.15 pm

just after 4.50 pm

just after midnight

just before 4.50 am

5 A plane takes off from Edinburgh at 11:45 and lands at Paris $1\frac{1}{2}$ hours later. Local time in Paris is 1 hour ahead of Edinburgh time. What is the local time when the plane lands at Paris? 14:15

Topic Assessment **11b**
Time

Name: _____

1 Write the time

- 25 min after 07.50 08.15
- 55 min before 10.15 09.20
- 1 h and 35 min after 23.10 00.45
- 1 h and 45 min earlier than 01.25 23.40

2 How many minutes are there between each start and finish time?

start finish

07:20 08:10

50 min

start finish

10:25 11:40

75 min

start finish

15:45 17:35

110 min

start finish

22:55 00:50

115 min

3 **Cinema-scope**

Marooned (lasts 115 min)
Start times: 1100, 1315, 1530, 1805, 2035

Rescued (lasts 105 min)
Start times: 1000, 1155, 1305, 1515, 1750, 2015

Two friends arrive at **Cinema-scope** at 1030. They watch **both** films.

What is the **earliest** time they could finish watching both films? 1450

Explain. They go to the 1100 showing of Marooned which finishes at 1255, then the 1305 showing of Rescued, finishing at 1450.