

Approach: Independent
 Focus: Understanding a variety of measurements
 Resources: Answer booklet

Year: 8



Questions / instructions:

Draw hands on the clocks so that they show the same time as the oven clocks.

1.

2.

3.

Write numbers on the oven clocks so that they show the same time as the wall clock.

4. Morning (a.m.)

5. Afternoon (p.m.)

6. Evening (p.m.)

7. What is the volume of this cuboid?

A 12 cm³
 B 36 cm³
 C 54 cm³
 D 72 cm³

8. What is the weight shown on this scale?

A 6 kg
 B 7 kg
 C 51 kg
 D 60 kg

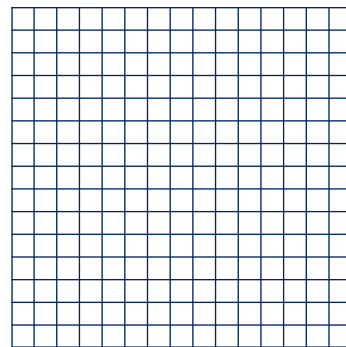
year 8	% response 2005 ('01)
98 (94)	
89 (78)	
58 (68)	
79 (85)	
60 (60)	
27 (26)	
58 (54)	
24 (23)	
40 (46)	
[46 (43)]	
52 (55)	

9. What is the distance between the midpoint of MN and the midpoint of OP shown here?



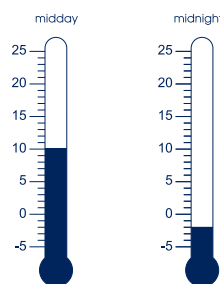
- A 18 cm
 B 24 cm
 C 28 cm
 D 30 cm
 E 48 cm

10. On the grid below, draw a rectangle with an area of 12 square units.



is one square unit correct

11. At midday the thermometer read 10°C. At midnight it read -2°C. By how many degrees had the temperature dropped?



Total score:	11	6 (8)
9-10	26 (26)	
7-8	25 (25)	
5-6	25 (22)	
3-4	15 (15)	
0-2	3 (3)	

year 8	% response 2005 ('01)
30 (31)	
71 (71)	
69 (65)	
6 (8)	
26 (26)	
25 (25)	
25 (22)	
15 (15)	
3 (3)	

Commentary:

Year 8 students did well on most aspects of telling time but had difficulty with complex tasks involving measurements. Overall performance between 2001 and 2005 was quite similar.