

<b>Revision 5</b>	<b>Date</b>	<b>Topic</b>
	wk beg. 31.05.21	Measures

Time: 30 mins

Numbers in blue denote total mark awarded for each question.

Total mark: /34

1. Complete the table below using 12-hour & 24-hour time:

12- hour	24- hour
1:00 pm	13:00
4:30pm	16:30
2:45am	02:45
12 noon	12:00
11:50pm	23:50
5:25am	05:25

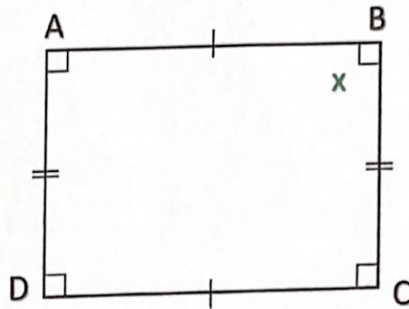
6

2. Complete the table below by converting the unit of measurement:

100 cm	1 m
50 cm	$\frac{1}{2}$ m
1000 g	1 kg
500 g	$\frac{1}{2}$ kg
1000 ml	1 l
250 ml	$\frac{1}{4}$ l
175 cm	1.75 m
$175 \div 100$ 125 cm	1.25 m $1.25 \times 100$

8

3. Look at the shape below:



- What is the name of the shape? *rectangle*
- Side AB is 5cm long. How long is side CD? *5cm (opposite sides same length)*
- What do the angles inside this shape add to? *360°*
- How many degrees is angle x worth? *90°*

4

4. Here are some television programmes and their starting times.

Channel 4	Channel 5
9.40am Search and Explore	9.22am Cartoon Time
10.05am Beat Bugs	9.49am Science on 5
10.27am The Weather	10.05am News Time
11.03am Science on 4	10.36am Care for your pets
11.22am Numbers	11.07am The Egyptians

- How long does 'The Weather' last for?  
 $10:27 - 11:03$   
 $10:27 - 11:00 = 33 \text{ mins}$   
 $+ 3 \text{ mins} = \underline{36 \text{ mins}}$
- If you switch on your television at 10.15am what programme would be on:
  - Channel 4? *Beat Bugs*
  - Channel 5? *News Time*
- How much longer does 'Science on 4' last than 'Science on 5'?

$$11:03 - 11:22 = 19 \text{ mins}$$

$$9:49 - 10:05 = 16 \text{ mins}$$

$$19 - 16 = \underline{3 \text{ mins}}$$

4

2

5. A box weighs 6 235 grams. What is this in kilograms? Circle the correct answer.

$$6\ 235 \div 1000 = 6.235$$

0.6236 Kg

6 235 Kg

6.235 Kg

62.35 Kg

1

6. The heights of four sunflowers are shown below:

Sunflower A	Sunflower B	Sunflower C	Sunflower D
123 cm	2.25 m	2.65 m	147 cm

225cm

265cm

a. Which SUNFLOWER is the tallest? Sunflower C

b. What is the height of the smallest sunflower in centimetres?

123cm

c. What is the difference in height between the tallest and smallest sunflower? GIVE YOUR ANSWER IN CENTIMETRES.

$$\begin{array}{r} 265 \text{ cm} \\ - 123 \text{ cm} \\ \hline 142 \text{ cm} \end{array}$$

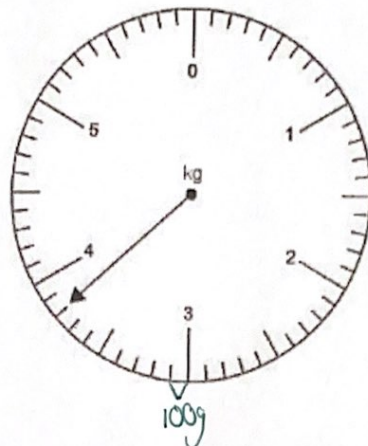
d. What is the height of the smallest sunflower in millimetres?

$$1\text{cm} = 10\text{mm}$$

$$123 \times 10 = 1230 \text{ mm}$$

4

7. Look at the scale below.



What number is the arrow pointing to? Give your answer in GRAMS.

3800g

1

8. A train leaves Belfast at 1.13 pm. It arrives in Newry at twenty to three in the afternoon.

a. What time does the train arrive in Newry? GIVE YOUR ANSWER IN 24- HOUR TIME?

Twenty to three = 2.40pm  
= 14:40

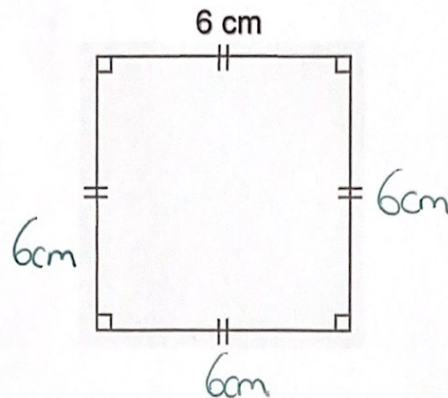
b. How long does it take the train to get from Belfast to Newry? GIVE YOUR ANSWER IN HOURS AND MINUTES.

1.13pm - 2.40pm  
1.13 - 2.13 = 1hr  
2.13 - 2.40 = 27min

2

<sup>4</sup> 1hr 27 minutes

9. Look at the shape below:



a. What is the perimeter of the shape? Remember to include units of measurement.

$$6\text{cm} + 6\text{cm} + 6\text{cm} + 6\text{cm} = \underline{24\text{cm}}$$

b. What is the area of the shape? Remember to include units of measurement.

$$\begin{aligned} \text{Area} &= \text{length} \times \text{width} \\ &= 6\text{cm} \times 6\text{cm} \\ &= \underline{36\text{cm}^2} \end{aligned}$$

2

10. The clock at the train station shows-

21:05

a. What is the time in the 12-hour clock?

9:05pm

b. How long do you have to wait if the train leaves at 11:36pm? GIVE YOUR ANSWER IN HOURS AND MINUTES.

$$\begin{aligned} &9:05 - 11:36 \\ &9:05 - 11:05 = 2\text{hrs} \\ &11:05 - 11:36 = 31\text{mins} \\ &\underline{2\text{hrs } 31\text{mins}} \end{aligned}$$

2