



KS1.M23 Measuring Length and Height

STA NC-KS1-MATHS-STA · Calculators not allowed · about 30 minutes

Name: _____ Date: ____ / ____ / ____

Answer ALL questions. Show all your working.

- 1** Look at two pencils. Pencil A is longer than pencil B.

Which pencil is longer? Write A or B.

Answer: ____

Figure (to be drawn): Two labelled pencils side by side: A is clearly longer than B.



(1)

- 2** There are 7 toy cars and 3 toy buses on the floor.

Which is longer, the line of 7 cars or the line of 3 buses? Write cars or buses.

Answer: ____

Figure (to be drawn): A row of 7 small toy cars and a row of 3 slightly bigger toy buses drawn so the cars take more space.



(1)

- 3** Amelia uses paperclips to measure a pencil. She uses 4 paperclips.

How many paperclips long is the pencil? Write a number.

Answer: ____

Figure (to be drawn): A pencil with 4 paperclips shown end to end beside it.



(1)

-
- 4** Priya measures a toy dinosaur with cubes. It takes 6 cubes.

Write how many cubes long the dinosaur is.

Answer: ____

Figure (to be drawn): A toy dinosaur with 6 cubes beside it in a line.



(1)

-
- 5** Oliwia measures her book with a ruler. The book is 12 cm long.

Write the number of centimetres.

Answer: ____ cm

Figure (to be drawn): A book with a ruler showing 12 cm along its length.



(1)

- 6** Kwame has two ribbons. One ribbon is 8 cm. The other ribbon is 5 cm.

Which ribbon is shorter? Write 8 cm or 5 cm.

Answer: ____

Figure (to be drawn): Two ribbons labelled 8 cm and 5 cm.



(1)

- 7** There are three toy blocks in a line. They measure 3 cm, 3 cm and 3 cm.

How long are all three blocks together? Write a number of centimetres.

Answer: ____ cm

Figure (to be drawn): Three identical blocks shown end to end with 3 cm under each.



(1)

- 8** A crayon is 7 cm. A pencil is 10 cm.

How much longer is the pencil than the crayon? Write a number of centimetres.

Answer: ____ cm

Figure (to be drawn): A crayon labelled 7 cm and a pencil labelled 10 cm.



(1)

9 Put these items in order from shortest to longest.

A) a spoon B) a school ruler C) a pencil

Answer: ____, ____, ____

Figure (to be drawn): Small drawings: spoon, school ruler (30 cm), pencil.



(1)

10 Yusuf measures his toy car with buttons. It takes 5 buttons.

He puts another car next to it. The other car takes 7 buttons. Which car is longer? Write 5 buttons or 7 buttons.

Answer: ____

Figure (to be drawn): Two toy cars with buttons shown: one with 5 buttons, one with 7 buttons.



(1)

11 A giraffe sticker is 15 cm tall. A lion sticker is 12 cm tall.

Which sticker is taller? Write giraffe or lion.

Answer: ____

Figure (to be drawn): Two stickers with heights labelled 15 cm and 12 cm.



(1)

12 Erin lines up 4 cubes. Each cube is 2 cm.

How long are the 4 cubes together? Write a number of centimetres.

Answer: ____ cm

Figure (to be drawn): Four small cubes shown end to end with 2 cm under each.



(1)

13 Which is longer: 10 cm or 10 paperclips? There are 10 small paperclips.

Circle cm or paperclips.

Answer: ____

Figure (to be drawn): A ruler section labelled '10 cm' is shown next to a row of 10 identical paperclips. Each paperclip is about 1.2 cm long, so the row of paperclips measures about 12 cm in total.



(1)

14 A pencil is 9 cm. A rubber is 3 cm.

How many times longer is the pencil than the rubber? Write a number.

Answer: ____

Figure (to be drawn): A pencil labelled 9 cm and a rubber labelled 3 cm.



(1)

15 Callum has a string 14 cm long. He cuts off 5 cm.

How long is the string now? Write a number of centimetres.

Answer: ____ cm

Figure (to be drawn): A string with 14 cm label and a scissors cutting 5 cm off.



(1)

16 Draw a line that is 6 cm long. (Draw in the box.)



(1)

17 There are two frogs. One frog is 4 cm tall. The other frog is 4 cm tall too.

Are the frogs the same height? Write yes or no.

Answer: ____

Figure (to be drawn): Two frog pictures both labelled 4 cm.



(1)

18 How many 2 cm cubes make 10 cm when placed end to end? Write a number.

Answer: ____

Figure (to be drawn): A picture of small cubes with 2 cm under one cube and a box to show 10 cm length to fill.



(1)

Mark scheme · KS1.M23 Measuring Length and Height

Question 1

- **B1** A cao
- Answer: **A**

Question 2

- **B1** cars cao
- Answer: **cars**

Question 3

- **B1** 4 cao
- Answer: **4**

Question 4

- **B1** 6 cao
- Answer: **6**

Question 5

- **B1** 12 cao
- Answer: **12**

Question 6

- **B1** 5 cm cao
- Answer: **5 cm**

Question 7

- **B1** 9 cm cao
- Answer: **9**

Question 8

- **B1** 3 cm cao
- Answer: **3**

Question 9

- **B1** spoon, pencil, school ruler cao
- Answer: **spoon, pencil, school ruler**

Question 10

- **B1** 7 buttons cao
- Answer: **7 buttons**

Question 11

- **B1** giraffe cao
- Answer: **giraffe**

Question 12

- **B1** 8 cm cao
- Answer: **8**

Question 13

- **B1** paperclips cao
- Answer: **paperclips**

Question 14

- **B1** 3 cao
- Answer: **3**

Question 15

- **B1** 9 cm cao
- Answer: **9**

Question 16

- **B1** Line of approximately 6 cm cao (allow small drawing tolerance)
- Answer: **6**

Question 17

- **B1** yes cao
- Answer: **yes**

Question 18

- **B1** 5 cao
- Answer: **5**