5.5 Measuring Length and Height: 2-hour Pack

STA NC-KS1-MATHS-STA · Calculators not allowed · about 120 minutes

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Which unit would you use to measure how much water is in a swimming pool?

Choose from: litres or millilitres.

Answer: ___

(1)

---

2 Which unit would you use to measure how long a lesson takes?

Choose from: minutes or hours.

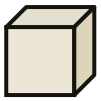
Answer: ___

(1)

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

Answer: ___



2 cm



10 cm

(1)

---

4 A toy snake is placed on a ruler. One end is at 0 cm and the other end is at 6 cm.

How long is the toy snake?

Answer: ___ cm

(1)

---

5 A pencil is 12 cm long. A stick is 24 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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6 A rod is 2 cm long. A ruler is 8 cm long. Which is shorter?

Answer: ___

(1)

---

7 A stick is 18 cm long. A rope is 14 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

8 Which unit would you use to measure the length of a bed?

Choose from: centimetres or metres.

Answer: ___

(1)

---

9 A pencil is placed on a ruler. One end is at 0 cm and the other end is at 11 cm.

How long is the pencil?

Answer: ___ cm

(1)

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10 A toy snake is placed on a ruler. One end is at 4 cm and the other end is at 16 cm.

How long is the toy snake?

Answer: ___ cm

(2)

---

11 A scarf is 17 cm long. A rod is 27 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

12 A paper strip is placed on a ruler. One end is at 3 cm and the other end is at 19 cm.

How long is the paper strip?

Answer: ___ cm

(2)

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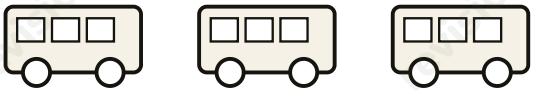
13 There are 7 toy cars and 3 toy buses on the floor.

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

Answer: ___



7 cars



3 buses

(1)

---

14 A rod is 6 cm long. A pencil is 11 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

15 A ruler is 23 cm long. A scarf is 19 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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16 A stick is 16 cm long. A scarf is 29 cm long. Which is longer?

Answer: ___

(1)

---

17 A ruler has marks at 0, 10, 20, 30, 40 and 50 cm. The pointer is exactly on the mark for 30.

What is the reading?

Answer: ___ cm

(1)

---

18 A ruler has marks at 10, 15, 20, 25, 30 and 35 cm. The pointer is exactly on the mark for 30.

What is the reading?

Answer: ___ cm

(1)

---

19 A stick is 22 cm long. A rod is 18 cm long. Which is longer?

Answer: ___

(1)

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20 A crayon is placed on a ruler. One end is at 0 cm and the other end is at 6 cm.

How long is the crayon?

Answer: ___ cm

(1)

---

21 Which unit would you use to measure how long a school day takes?

Choose from: hours or minutes.

Answer: ___

(1)

---

22 Which unit would you use to measure how much water is in a swimming pool?

Choose from: millilitres or litres.

Answer: ___

(1)

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23 A pencil is 24 cm long. A stick is 14 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

24 A ruler has marks at 4, 6, 8, 10, 12 and 14 cm. The pointer is exactly on the mark for 10.

What is the reading?

Answer: ___ cm

(1)

---

25 A toy snake is placed on a ruler. One end is at 0 cm and the other end is at 3 cm.

How long is the toy snake?

Answer: ___ cm

(1)

---

26 A pencil is 29 cm long. A rope is 22 cm long. Which is shorter?

Answer: ___

(1)

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27 A pencil is 17 cm long. A rod is 2 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

---

28 A rope is 18 cm long. A ribbon is 20 cm long. Which is longer?

Answer: ___

(1)

---

29 A rope is 26 cm long. A ribbon is 4 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

30 A ruler is 14 cm long. A book is 21 cm long. Which is shorter?

Answer: ___

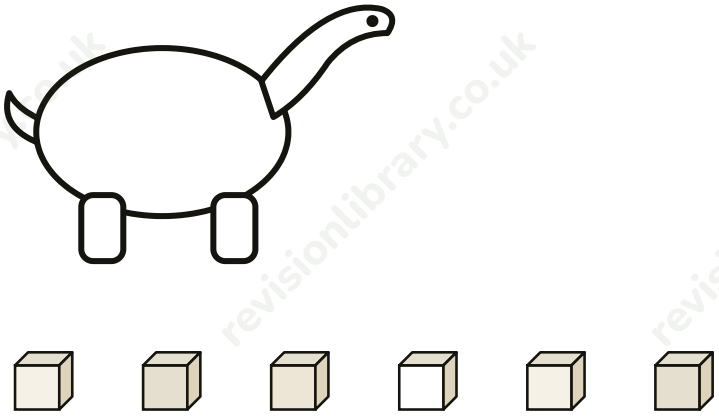
(1)

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31 Priya measures a toy dinosaur with cubes. It takes 6 cubes.

Write how many cubes long the dinosaur is.

Answer: ___



(1)

---

32 A ribbon is 10 cm long. A rod is 18 cm long. Which is shorter?

Answer: ___

(1)

---

33 A rod is 4 cm long. A rope is 27 cm long. Which is shorter?

Answer: ___

(1)

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34 Which unit would you use to measure the weight of an elephant?

Choose from: kilograms or grams.

Answer: ___

(1)

---

35 A ruler has marks at 0, 2, 4, 6, 8 and 10 cm. The pointer is halfway between 6 and 8.

What is the reading?

Answer: ___ cm

(1)

---

36 A book is 28 cm long. A ruler is 4 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

---

37 A ribbon is 25 cm long. A stick is 6 cm long. Which is longer?

Answer: ___

(1)

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38 A ribbon is 6 cm long. A stick is 20 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

39 A rope is 24 cm long. A stick is 15 cm long. They are put end to end. How long are they together?

Answer: ___ cm

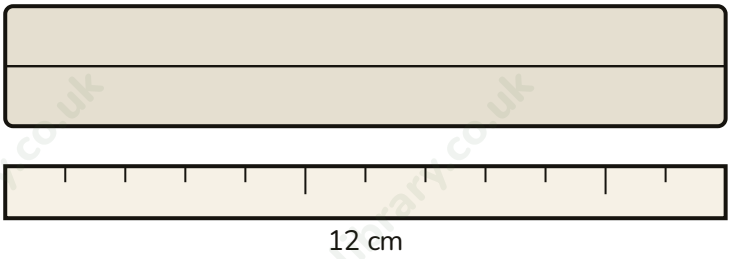
(1)

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40 Oliwia measures her book with a ruler. The book is 12 cm long.

Write the number of centimetres.

Answer: ___ cm



(1)

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41 A rope is 4 cm long. A scarf is 16 cm long. Which is shorter?

Answer: ___

(1)

---

42 A ruler has marks at 15, 20, 25, 30, 35 and 40 cm. The pointer is exactly on the mark for 25.

What is the reading?

Answer: ___ cm

(1)

---

43 A ruler has marks at 2, 3, 4, 5, 6 and 7 cm. The pointer is exactly on the mark for 4.

What is the reading?

Answer: ___ cm

(1)

---

44 A rod is 6 cm long. A pencil is 7 cm long. Which is shorter?

Answer: ___

(1)

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45 A ruler is 28 cm long. A rope is 5 cm long. Which is longer?

Answer: ___

(1)

---

46 A rod is 15 cm long. A rope is 7 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

47 A pencil is placed on a ruler. One end is at 0 cm and the other end is at 20 cm.

How long is the pencil?

Answer: ___ cm

(1)

---

48 A ribbon is 18 cm long. A rope is 16 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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49 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: ___



8 cm



5 cm

(1)

---

50 A stick is placed on a ruler. One end is at 2 cm and the other end is at 17 cm.

How long is the stick?

Answer: ___ cm

(2)

---

51 A rope is 27 cm long. A book is 12 cm long. Which is shorter?

Answer: ___

(1)

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52 A rod is 23 cm long. A stick is 15 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

---

53 A ruler is 20 cm long. A stick is 4 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

54 Which unit would you use to measure the length of a bed?

Choose from: metres or centimetres.

Answer: ___

(1)

---

55 A rod is 20 cm long. A pencil is 9 cm long. Which is longer?

Answer: ___

(1)

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56 A toy snake is placed on a ruler. One end is at 0 cm and the other end is at 4 cm.

How long is the toy snake?

Answer: ___ cm

(1)

---

57 A paper strip is placed on a ruler. One end is at 3 cm and the other end is at 20 cm.

How long is the paper strip?

Answer: ___ cm

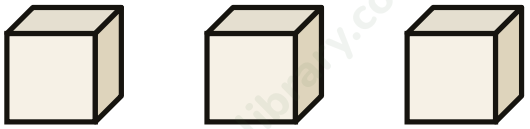
(2)

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58 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



3 cm 3 cm 3 cm

(1)

59 A crayon is placed on a ruler. One end is at 0 cm and the other end is at 7 cm.

How long is the crayon?

Answer: ___ cm

(1)

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60 A crayon is placed on a ruler. One end is at 3 cm and the other end is at 16 cm.

How long is the crayon?

Answer: ___ cm

(2)

---

61 A ruler has marks at 2, 3, 4, 5, 6 and 7 cm. The pointer is exactly on the mark for 5.

What is the reading?

Answer: ___ cm

(1)

---

62 A ruler is 7 cm long. A ribbon is 27 cm long. Which is longer?

Answer: ___

(1)

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63 Which unit would you use to measure the weight of a feather?

Choose from: grams or kilograms.

Answer: ___

(1)

---

64 A scarf is 3 cm long. A book is 5 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

---

65 A ruler has marks at 10, 20, 30, 40, 50 and 60 cm. The pointer is exactly on the mark for 30.

What is the reading?

Answer: ___ cm

(1)

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66 A ruler has marks at 6, 8, 10, 12, 14 and 16 cm. The pointer is halfway between 10 and 12.

What is the reading?

Answer: ___ cm

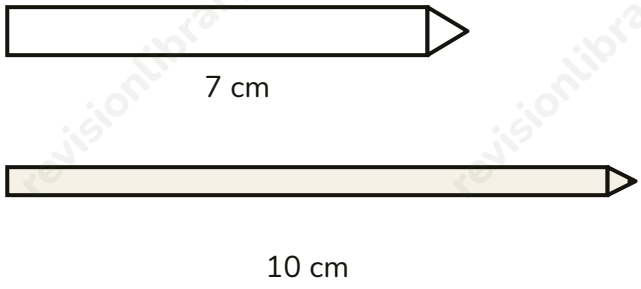
(1)

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67 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



(1)

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68 A ruler has marks at 6, 8, 10, 12, 14 and 16 cm. The pointer is exactly on the mark for 8.

What is the reading?

Answer: ___ cm

(1)

---

69 A paper strip is placed on a ruler. One end is at 0 cm and the other end is at 14 cm.

How long is the paper strip?

Answer: ___ cm

(1)

---

70 A rope is 4 cm long. A pencil is 22 cm long. How much longer is the longer one?

Answer: ___ cm

(1)

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71 A pencil is placed on a ruler. One end is at 2 cm and the other end is at 14 cm.

How long is the pencil?

Answer: ___ cm

(2)

---

72 A rope is 26 cm long. A scarf is 27 cm long. Which is shorter?

Answer: ___

(1)

---

73 A rod is 3 cm long. A rope is 27 cm long. Which is longer?

Answer: ___

(1)

---

74 A rope is 13 cm long. A stick is 4 cm long. Which is longer?

Answer: ___

(1)

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75 A scarf is 29 cm long. A rod is 25 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

---

76 A scarf is 27 cm long. A pencil is 8 cm long. Which is longer?

Answer: ___

(1)

---

77 A scarf is 25 cm long. A ribbon is 18 cm long. Which is longer?

Answer: ___

(1)

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78 A ribbon is placed on a ruler. One end is at 2 cm and the other end is at 18 cm.

How long is the ribbon?

Answer: ___ cm

(2)

---

79 A ruler is 13 cm long. A rope is 12 cm long. They are put end to end. How long are they together?

Answer: ___ cm

(1)

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Mark scheme · 5.5 Measuring Length and Height: 2-hour Pack

Question 1

litres cao — **B1**

Answer: **litres**

Question 2

minutes cao — **B1**

Answer: **minutes**

Question 3

5 cao — **B1**

Answer: **5**

Question 4

6 cm cao — **B1**

Answer: **6 cm**

Question 5

36 cm cao — **B1**

Answer: **36 cm**

Question 6

rod cao — **B1**

Answer: **rod**

Question 7

4 cm cao — **B1**

Answer: **4 cm**

Question 8

metres cao — **B1**

Answer: **metres**

Question 9

11 cm cao — **B1**

Answer: **11 cm**

Question 10

16 - 4 — **M1**

12 cm cao — **A1**

Answer: **12 cm**

Question 11

10 cm cao — **B1**

Answer: **10 cm**

Question 12

19 - 3 — **M1**

16 cm cao — **A1**

Answer: **16 cm**

Question 13

cars cao — **B1**

Answer: **cars**

Question 14

5 cm cao — **B1**

Answer: **5 cm**

Question 15

4 cm cao — **B1**

Answer: **4 cm**

Question 16

scarf cao — **B1**

Answer: **scarf**

Question 17

30 cm cao — **B1**

Answer: **30 cm**

Question 18

30 cm cao — **B1**

Answer: **30 cm**

Question 19

stick cao — **B1**

Answer: **stick**

Question 20

6 cm cao — **B1**

Answer: **6 cm**

Question 21

hours cao — **B1**

Answer: **hours**

Question 22

litres cao — **B1**

Answer: **litres**

Question 23

10 cm cao — **B1**

Answer: **10 cm**

Question 24

10 cm cao — **B1**

Answer: **10 cm**

Question 25

3 cm cao — **B1**

Answer: **3 cm**

Question 26

rope cao — **B1**

Answer: **rope**

Question 27

19 cm cao — **B1**

Answer: **19 cm**

Question 28

ribbon cao — **B1**

Answer: **ribbon**

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Question 29

22 cm cao **B1**

Answer: **22 cm**

Question 30

ruler cao **B1**

Answer: **ruler**

Question 31

6 cao **B1**

Answer: **6**

Question 32

ribbon cao **B1**

Answer: **ribbon**

Question 33

rod cao **B1**

Answer: **rod**

Question 34

kilograms cao **B1**

Answer: **kilograms**

Question 35

7 cm cao **B1**

Answer: **7 cm**

Question 36

32 cm cao **B1**

Answer: **32 cm**

Question 37

ribbon cao **B1**

Answer: **ribbon**

Question 38

14 cm cao **B1**

Answer: **14 cm**

Question 39

39 cm cao **B1**

Answer: **39 cm**

Question 40

12 cao **B1**

Answer: **12**

Question 41

rope cao **B1**

Answer: **rope**

Question 42

25 cm cao **B1**

Answer: **25 cm**

Question 43

4 cm cao **B1**

Answer: **4 cm**

Question 44

rod cao **B1**

Answer: **rod**

Question 45

ruler cao **B1**

Answer: **ruler**

Question 46

8 cm cao **B1**

Answer: **8 cm**

Question 47

20 cm cao **B1**

Answer: **20 cm**

Question 48

34 cm cao **B1**

Answer: **34 cm**

Question 49

5 cm cao **B1**

Answer: **5 cm**

Question 50

17 - 2 **M1**

15 cm cao **A1**

Answer: **15 cm**

Question 51

book cao **B1**

Answer: **book**

Question 52

38 cm cao **B1**

Answer: **38 cm**

Question 53

16 cm cao **B1**

Answer: **16 cm**

Question 54

metres cao **B1**

Answer: **metres**

Question 55

rod cao **B1**

Answer: **rod**

Question 56

4 cm cao **B1**

Answer: **4 cm**

Question 57

20 - 3 **M1**

17 cm cao **A1**

Answer: **17 cm**

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Question 58

9 cm cao **B1**

Answer: **9**

Question 59

7 cm cao **B1**

Answer: **7 cm**

Question 60

16 - 3 **M1**

13 cm cao **A1**

Answer: **13 cm**

Question 61

5 cm cao **B1**

Answer: **5 cm**

Question 62

ribbon cao **B1**

Answer: **ribbon**

Question 63

grams cao **B1**

Answer: **grams**

Question 64

2 cm cao **B1**

Answer: **2 cm**

Question 65

30 cm cao **B1**

Answer: **30 cm**

Question 66

11 cm cao **B1**

Answer: **11 cm**

Question 67

3 cm cao **B1**

Answer: **3**

Question 68

8 cm cao **B1**

Answer: **8 cm**

Question 69

14 cm cao **B1**

Answer: **14 cm**

Question 70

18 cm cao **B1**

Answer: **18 cm**

Question 71

14 - 2 **M1**

12 cm cao **A1**

Answer: **12 cm**

Question 72

rope cao **B1**

Answer: **rope**

Question 73

rope cao **B1**

Answer: **rope**

Question 74

rope cao **B1**

Answer: **rope**

Question 75

54 cm cao **B1**

Answer: **54 cm**

Question 76

scarf cao **B1**

Answer: **scarf**

Question 77

scarf cao **B1**

Answer: **scarf**

Question 78

18 - 2 **M1**

16 cm cao **A1**

Answer: **16 cm**

Question 79

25 cm cao **B1**

Answer: **25 cm**

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