

Varied Fluency

Step 5: Order Lengths

National Curriculum Objectives:

Mathematics Year 2: (2M1) [Compare and order lengths, mass, volume/capacity and record the results using >, < and =](#)

Differentiation:

Developing Questions to support ordering up to 3 lengths in whole cm and m. Same measures (cm or m) numerals only.

Expected Questions to support ordering up to 5 lengths in whole cm and m. Some mixed measures (cm and m) numerals and words.

Greater Depth Questions to support ordering up to 5 lengths in whole cm and m. Mixed measures (m and cm and >100cm) numerals and words.

More [Year 2 and Year 3 Length Height and Perimeter](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Order Lengths

1a. Order these lengths from longest to shortest.

11cm

56cm

45cm



2 VF

Order Lengths

1b. Order these lengths from longest to shortest.

38m

24m

62m



2 VF

2a. True or false?

1m is shorter than 5m.



2 VF

2b. True or false?

16cm is longer than 11cm.



2 VF

3a. These toys have been ordered by their height.



Using the table, tick where the abacus should be.

Toy	Height
train	54cm
duck	8cm
abacus	47cm
rattle	15cm



2 VF

3b. These toy animals have been ordered by their length.



Using the table, tick where the snake should be.

Animal	Length
crocodile	67cm
snail	9cm
snake	45cm
crab	20cm



2 VF

4a. Circle the number that could be used to complete the following statement.

$$65\text{cm} > \square > 12\text{cm}$$

72cm

2cm

89cm

15cm



2 VF

4b. Circle the number that could be used to complete the following statement.

$$73\text{cm} < \square < 98\text{cm}$$

5cm

32cm

86cm

99cm



2 VF

Order Lengths

5a. Order these lengths from longest to shortest.

56cm

fifty centimetres

65cm

1m 45cm



2 VF

Order Lengths

5b. Order these lengths from longest to shortest.

76cm

1m 11cm

twenty three centimetres

four metres



2 VF

6a. True or false?

87cm is longer than 1m 78cm.



2 VF

6b. True or false?

94cm is shorter than 1m.



2 VF

7a. These toy animals have been ordered by their height.



Using the table, tick where the rhinoceros should be.

Animal	Height
gorilla	44cm
giraffe	89cm
elephant	83cm
rhinoceros	54cm



2 VF

7b. These toys have been ordered by their height.



Using the table, tick where the doll's house should be.

Toy	Height
spinning top	15cm
rocking horse	1m 15cm
dolls' house	83cm
teddy	94cm



2 VF

8a. Circle the numbers that could be used to complete the following statement.

73cm > > 25cm

56cm

sixty six centimetres

11cm

1m 45cm



2 VF

8b. Circle the numbers that could be used to complete the following statement.

53cm < < 1m 6cm

forty seven centimetres

1m 68cm

98cm

74cm



2 VF

Order Lengths

9a. Order these lengths from longest to shortest.

128cm

1m 63cm

thirty three centimetres

89cm



2 VF

Order Lengths

9b. Order these lengths from longest to shortest.

35cm

108cm

1m 50cm

one metre



2 VF

10a. True or false?

124cm is longer than 1m 4cm.



2 VF

10b. True or false?

113cm is longer than 1m 30cm.



2 VF

11a. These toys have been ordered by their height.



Using the table, tick where the easel should be.

Toy	Height
windmill	67cm
robot	152cm
boat	103cm
easel	1m 65cm



2 VF

11b. These toy animals have been ordered by their height.



Using the table, tick where the horse should be.

Animal	Height
octopus	85cm
ostrich	1m 25cm
horse	121cm
fox	97cm



2 VF

12a. Circle the numbers that could be used to complete the following statement.

159cm > > 1m 35cm

eighty five centimetres

184cm

1m 46cm

1m 6cm



2 VF

12b. Circle the numbers that could be used to complete the following statement.

64cm < < 103cm

1m 1cm

thirty seven centimetres

56cm

94cm



2 VF

Varied Fluency Order Lengths

Developing

- 1a. 56cm, 45cm, 11cm
- 2a. True
- 3a. Between the train and the rattle.
- 4a. 15cm

Expected

- 5a. 1m 45cm, 65cm, 56cm, fifty centimetres
- 6a. False; 87cm is shorter than 1m 78cm.
- 7a. Between the gorilla and the elephant.
- 8a. 56cm, sixty six centimetres

Greater Depth

- 9a. 1m 63cm, 128cm, 89cm, thirty three centimetres
- 10a. True
- 11a. To the left of the robot.
- 12a. 1m 46cm

Varied Fluency Order Lengths

Developing

- 1b. 62cm, 38cm, 24cm
- 2b. True
- 3b. Between the crab and the crocodile.
- 4b. 86cm

Expected

- 5b. Four metres, 1m 11cm, 76cm, twenty three centimetres
- 6b. True
- 7a. Between the teddy and the spinning top.
- 8b. 98cm, 74cm

Greater Depth

- 9b. 1m 50cm, 108cm, one metre, 35cm
- 10b. False; 113cm is shorter than 1m 30cm.
- 11b. Between the ostrich and the fox.
- 12b. 1m 1cm, 94cm