Varied Fluency Step 4: 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 Length and Height resources.

Did you like this resource? Don't forget to review it on our website.



Order Lengths

Order Lengths



11cm

56cm

1b. Order these lengths from longest to shortest.

38m

24m

62m

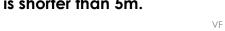


2a. True or false?



1m is shorter than 5m.

45cm





2b. True or false?



16cm is longer than 11cm.



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







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







Using the table, tick where the abacus should be.

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

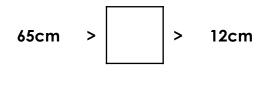
Using the table, tick where the snake should be.

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





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



72cm

2cm

89cm

15cm

4b. Circle the number that could be used

to complete the following statement.

5cm

32cm

98cm

86cm

99cm





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Order Lengths

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6a. True or false?

87cm is longer than 1m 78cm.

6b. True or false?

94cm is shorter than 1m.

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







Using the table, tick where the rhinoceros should be.

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

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







VF

VF

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





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

56cm sixty six centimetres

11cm 1m 45cm

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

forty seven centimetres

1m 68cm

98cm

74cm





Order Lengths

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128cm

1m 63cm

thirty three centimetres

89cm

9b. Order these lengths from longest to shortest.

35cm

108cm

1m 50cm

10b. True or false?

one metre



124cm is longer than 1m 4cm.



113cm is longer than 1m 30cm.











Using the table, tick where the easel should be.

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

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







VF

Using the table, tick where the horse should be.

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





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

1m 35cm

eighty five centimetres

184cm

1m 46cm

1m 6cm

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

64cm



103cm

1m 1cm

thirty seven centimetres

56cm

94cm





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Varied Fluency Order Lengths

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<u>Developing</u>

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

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

<u>Greater Depth</u>

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



