

Compare Lengths

1. Circle the comparison statements that are correct.

A. $65\text{cm} > 70\text{mm}$

B. $1\text{m } 45\text{cm} = 145\text{cm} < 120\text{cm}$

C. $80\text{mm} < 65\text{mm} > 10\text{cm}$

D. $5\text{m} = 500\text{cm} > 435\text{cm}$



VF
HW/Ext

2. David has measured and is comparing lengths of items he has found in his garden.



leaf
70mm



plant pot
15cm



flower
5cm



fence
90cm

He says,



The leaf is greater than the plant pot
but the plant pot is less than the fence.

Not drawn to scale

Find the mistake he has made with his comparison statement.



VF
HW/Ext

3. Using the digit cards, complete the statement in three different ways. Use only one card for metres and centimetres.

5

3

4

2

1

 m

 5 cm

<

185 cm

<

2 m

 0 cm



RPS
HW/Ext

Compare Lengths

4. Circle the comparison statements that are correct.

A. $14\text{cm} < 170\text{mm} < 32\text{cm}$

B. $2\text{m } 65\text{cm} > 112\text{cm} = 1\text{m } 21\text{cm}$

C. $267\text{cm} = 2\text{m } 67\text{cm} > 198\text{cm}$

D. $31\text{cm} < 340\text{mm} > 67\text{cm}$



VF
HW/Ext

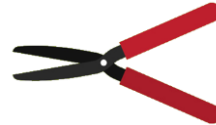
5. Alexa has measured and is comparing lengths of items she has found in her shed.



wheelbarrow
1m 32cm



shovel
96cm



hedge shears
54cm



bucket
360mm

She says,

Not drawn to scale



The bucket is greater than the shovel and the shovel is also greater than the wheelbarrow.

Find the mistakes she has made with her comparison statement.



VF
HW/Ext

6. Using the digit cards, complete the statement in three different ways. Use only one card for metres and up to two cards for centimetres.

5

2

9

4

1

7

8

m

cm

<

316

cm

>

m

cm



RPS
HW/Ext

Compare Lengths

7. Circle the comparison statements that are correct.

A. $487\text{cm} > 3\frac{3}{4}\text{m} = 2\text{m } 180\text{cm}$

B. $3\frac{1}{4}\text{m} < 589\text{cm} > 3\text{m } 198\text{cm}$

C. $43\text{mm} < 34\text{cm} > 30\text{cm } 80\text{mm}$

D. $3\text{m } 154\text{cm} = 454\text{cm} > 4\frac{1}{2}\text{m}$



VF
HW/Ext

8. Leah has measured and is comparing lengths of items she has found at a party.



party hat
150mm



gift box
128cm



bow
 $\frac{1}{4}\text{m}$



cupcake
50mm

Not drawn to scale

She says,



The party hat is greater than the gift box but the gift box is less than the bow.

Find the mistakes she has made with her comparison statement.



VF
HW/Ext

9. Using the digit cards, complete the statement in four different ways. Use only one card for metres and up to two cards for centimetres. Choose a suitable numerator for the fraction.

7

8

2

3

6

5

1

4

m

>

498

cm

>

m

cm



RPS
HW/Ext

Homework/Extension

Compare Lengths

Developing

1. A and D
2. The leaf is less than the plant pot. The comparison statement should be: leaf < plant pot < fence.
3. Various answers, for example: 1m 25cm < 185cm < 2m 40cm; 1m 35cm < 185cm < 2m 30cm; 1m 15cm < 185cm < 2m 20cm.

Expected

4. A and C
5. The bucket is less than the shovel and the shovel is less than the wheelbarrow. The comparison statement should be: bucket < shovel < wheelbarrow.
6. Various answers, for example: 2m 45cm < 316cm > 1m 79cm; 1m 89cm < 316cm > 2m 57cm; 2m 74cm < 316cm > 1m 9cm.

Greater Depth

7. B and D
8. The party hat is less than the gift box but the gift box is greater than the bow. The comparison statement should be: party hat < gift box > bow.
9. Various answers, for example: $7\frac{3}{4}$ m > 498cm > 3m 82cm; $6\frac{2}{4}$ m > 498cm > 1m 78cm; $5\frac{1}{4}$ m > 498cm > 2m 63cm; $5\frac{3}{4}$ m > 498cm > 2m 8cm.