

Varied Fluency

Step 1: Compare Lengths and Heights

National Curriculum Objectives:

Mathematics Year 1: (1M1) [Compare, describe and solve practical problems for: lengths and heights \[for example, long/short, longer/shorter, tall/short, double/half\]](#)

Differentiation:

Developing Questions to support comparing and solving practical problems for lengths and heights, using only 2 images. Scaffolding provided.

Expected Questions to support comparing and solving practical problems for lengths and heights. Scaffolding provided.













Greater Depth Questions to support comparing and solving practical problems for lengths and heights. No scaffolding provided.

More [Year 1 Length and Height](#) resources.

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Compare Lengths and Heights

Compare Lengths and Heights

<div>1a. Tick the tallest tower.</div> <div><div><div><div></div><div></div><div></div><div></div><div></div></div><div>A. <input type="checkbox"/></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>B. <input type="checkbox"/></div></div></div> <div><div></div><div>VF</div></div>	<div>1b. Tick the shortest tower.</div> <div><div><div><div></div><div></div><div></div><div></div></div><div>A. <input type="checkbox"/></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>B. <input type="checkbox"/></div></div></div> <div><div></div><div>VF</div></div>
<div>2a. Choose a word to complete the sentence.</div> <div><div></div><div></div></div> <div>The pig is _____ than the cat.</div> <div><div><div>taller</div><div>shorter</div></div></div> <div><div></div><div>VF</div></div>	<div>2b. Choose a word to complete the sentence.</div> <div><div></div><div></div></div> <div>The chick is _____ than the sheep.</div> <div><div><div>taller</div><div>shorter</div></div></div> <div><div></div><div>VF</div></div>
<div>3a. Tick the sentence that is correct.</div> <div><div>A. </div><div>B. </div></div> <div><div>A is the longest. <input type="checkbox"/></div><div>B is the longest. <input type="checkbox"/></div></div> <div><div></div><div>VF</div></div>	<div>3b. Tick the sentence that is correct.</div> <div><div>A. </div><div>B. </div></div> <div><div>A is the shortest. <input type="checkbox"/></div><div>B is the shortest. <input type="checkbox"/></div></div> <div><div></div><div>VF</div></div>
<div>4a. Order the pencils from shortest to longest.</div> <div><div>A. </div><div>B. </div></div> <div><div></div><div>VF</div></div>	<div>4b. Order the pencils from longest to shortest.</div> <div><div>A. </div><div>B. </div></div> <div><div></div><div>VF</div></div>

Compare Lengths and Heights

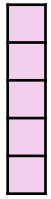
Compare Lengths and Heights

<div>5a. Tick the shortest tower.</div> <div><div><div><div></div><div></div><div></div><div></div></div><div>A.</div><div></div></div><div><div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>B.</div><div></div></div><div><div><div></div><div></div></div><div>C.</div><div></div></div></div> <div><div></div><div>VF</div></div>	<div>5b. Tick the tallest tower.</div> <div><div><div><div></div><div></div></div><div>A.</div><div></div></div><div><div><div></div><div></div><div></div><div></div><div></div></div><div>B.</div><div></div></div><div><div><div></div><div></div></div><div>C.</div><div></div></div></div> <div><div></div><div>VF</div></div>
<div>6a. Choose a word to complete the sentences.</div> <div><div></div><div><div>The goat is _____ than the chick.</div><div>The goose is _____ than the goat.</div></div><div><div><div></div><div>taller</div></div><div><div></div><div>shorter</div></div></div><div><div></div><div>VF</div></div></div>	<div>6b. Choose a word to complete the sentences.</div> <div><div></div><div><div>The chick is _____ than the cat.</div><div>The horse is _____ than the chick.</div></div><div><div><div></div><div>taller</div></div><div><div></div><div>shorter</div></div></div><div><div></div><div>VF</div></div></div>
<div>7a. Tick the sentence that is correct.</div> <div><div>A. </div><div>B. </div><div>C. </div></div> <div><div>A is longer than B. <div></div></div><div>B is longer than C. <div></div></div></div> <div><div></div><div>VF</div></div>	<div>7b. Tick the sentence that is correct.</div> <div><div>A. </div><div>B. </div><div>C. </div></div> <div><div>B is shorter than C. <div></div></div><div>C is shorter than A. <div></div></div></div> <div><div></div><div>VF</div></div>
<div>8a. Order the pencils from shortest to longest.</div> <div><div>A. </div><div>B. </div><div>C. </div></div> <div><div></div><div>VF</div></div>	<div>8b. Order the pencils from longest to shortest.</div> <div><div>A. </div><div>B. </div><div>C. </div></div> <div><div></div><div>VF</div></div>

Compare Lengths and Heights

Compare Lengths and Heights

9a. Tick the shortest tower.



A.

☐

B.

☐

C.

☐


VF

9b. Tick the tallest tower.



A.

☐

B.

☐

C.

☐


VF

10a. Use the pictures to complete the sentences.



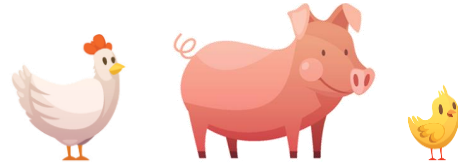
The goose is taller than the _____.

The _____ is taller than the goose.



VF

10b. Use the pictures to complete the sentences.



The hen is shorter than the _____.

The _____ is shorter than the hen.



VF

11a. Complete the sentence to make the statement correct.

A.

B.

C.

B is _____ than C.



VF

11b. Complete the sentence to make the statement correct.

A.

B.

C.

C is _____ than A.



VF

12a. Order the pencils. How have you ordered them?

A.

B.

C.



VF

12b. Order the pencils. How have you ordered them?

A.

B.

C.



VF

Varied Fluency
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Developing

- 1a. **B**
- 2a. **taller**
- 3a. **B is the longest.**
- 4a. **A; B**

Expected

- 5a. **C**
- 6a. **taller; shorter**
- 7a. **A is longer than B.**
- 8a. **C; A; B**

Greater Depth

- 9a. **B**
- 10a. **rabbit; sheep**
- 11a. **longer**
- 12a. **Accept: From longest to shortest – B, A, C or from shortest to longest – C, A, B**

Varied Fluency
Compare Lengths and Heights

Developing

- 1b. **A**
- 2b. **shorter**
- 3b. **A is the shortest.**
- 4b. **B; A**

Expected

- 5b. **B**
- 6b. **shorter; taller**
- 7b. **C is shorter than A.**
- 8b. **A; C; B**

Greater Depth

- 9b. **A**
- 10b. **pig; chick**
- 11b. **shorter**
- 12b. **Accept: From longest to shortest – B, C, A or from shortest to longest – A, C, B**