



GRADE 1 / WATCH MR DJ SOLVE

ORDERING AND COMPARING LENGTHS

Start with the same example used in the lesson slides.



WATCH MR DJ SOLVE

Strips A, B, C are 3, 5, 7 same-size units long. Order shortest to longest.

- 1 Line up one end.
- 2 Compare the other ends.
- 3 A is shortest
- 4 C is longest.

Answer: **A, B, C.**



REMEMBER order three lengths and use a third object to compare two lengths.

Read each step and explain why it is valid. The next pages demonstrate the methods in more detail. Then use the large work areas on the numbered practice pages.



GRADE 1 / WORKED METHODS

ORDERING AND COMPARING LENGTHS

Read a complete example before trying the matching method.

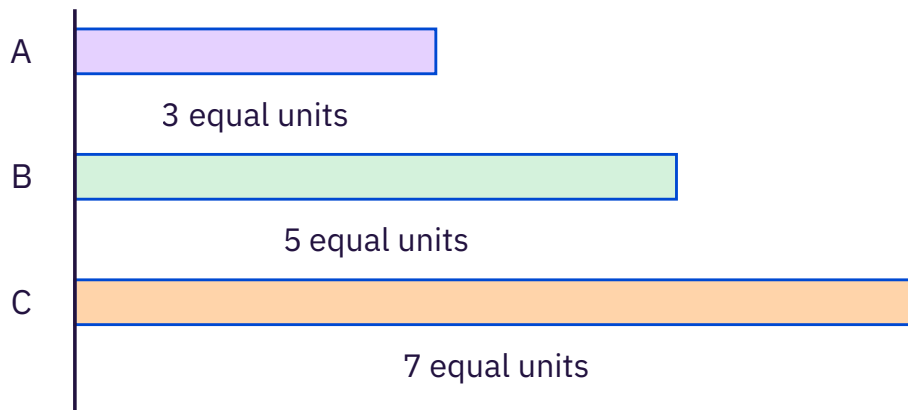


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

Three lengths in order

A, B, C from shortest to longest

1. Line up the starts.
2. A is 3 units, B is 5, C is 7.
3. Compare the other ends.



Line up one end; compare the other ends



GRADE 1 / WORKED METHODS

ORDERING AND COMPARING LENGTHS

Read a complete example before trying the matching method.

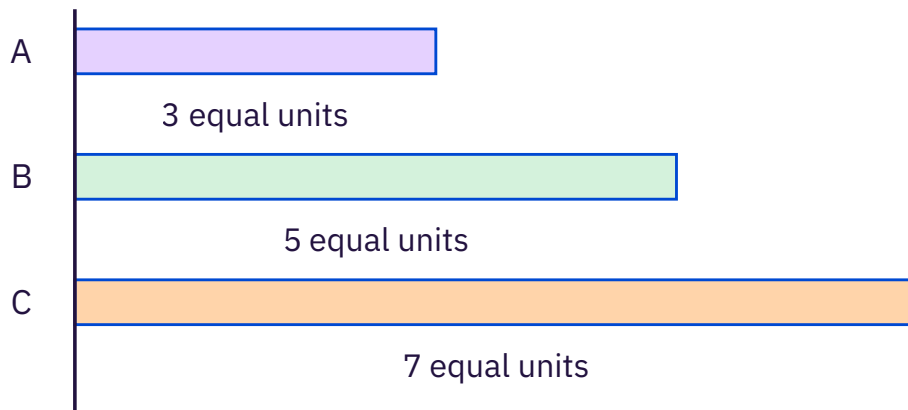


Use these examples as a reference. Keep each quantity and its unit visible. A different valid method is welcome unless a question specifically requests one.

One shared comparison object

A shorter than B, B shorter than C

1. Compare A with string B.
2. Compare C with that same string.
3. A is shorter than C.



Line up one end; compare the other ends

GRADE 1 / MATHEMATICAL WORK TOOL

ORDERING AND COMPARING LENGTHS

Draw, build or tell.



Use these lines to draw length models. Measure real strips with equal cubes or tiles, placed end to end. This page is not a calibrated ruler.





GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

◀ Mild

1. A is shorter than B. B is shorter than C. Draw strips of 3, 5, 7 units. Is A shorter than C?

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

Draw, build or tell your thinking.



Use the worked-method reference when helpful. Draw, build or tell your thinking. An adult may read the directions.

◀ Mild

2. Which is longer: a 3-unit strip or a 7-unit strip?

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

Draw, build or tell your thinking.



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🔊 Medium

3. Build three strips of 4, 6, 8 units. Circle the middle length.

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

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🔊 Medium

4. A is 3 units; B is 5. Draw one strip longer than A but shorter than B.

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

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Medium

5. Use a string 5 units long to compare a 3-unit strip and a 7-unit strip. Which is longer?

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

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🔥🔥🔥 Spicy

6. Digit lines up the right ends of 3- and 5-unit strips. Can that still compare length?

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

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🔥🔥🔥 Spicy

7. Draw a 7-unit strip turned around. Does its length change?

My answer or words: _____



GRADE 1 / PRACTICE

ORDERING AND COMPARING LENGTHS

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Extra Spicy

8. A is shorter than a 5-unit string. C is longer than that string. Can A be longer than C?

My answer or words: _____