

# Reasoning and Problem Solving – Compare Lengths and Heights 2

## New 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** Put three items in a designated order (shortest to tallest, tallest to shortest, shortest to longest, longest to shortest).

**Secure** Put five items in a designated order (shortest to tallest, tallest to shortest, shortest to longest, longest to shortest).

**Mastery** Put seven items in a designated order (shortest to tallest, tallest to shortest, shortest to longest, longest to shortest). Some items are the same height/length.

More [Reasoning and Problem Solving](#) Resources.

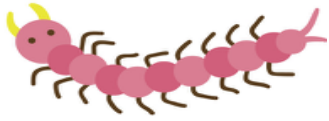
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Reasoning and Problem Solving – Compare Lengths and Heights – Teaching Information

# Reasoning and Problem Solving – Compare Lengths and Heights 2

1. Put the insects in order from shortest to longest.



A



B



C

2. Put the flowers in order from shortest to tallest.



A



B



C

3. Put the children in order from tallest to shortest.



A

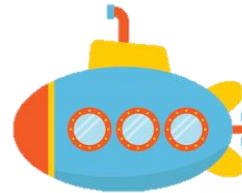


B



C

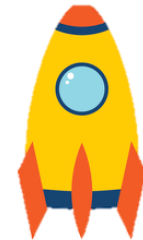
4. Put the vehicles in order from shortest to tallest.



A



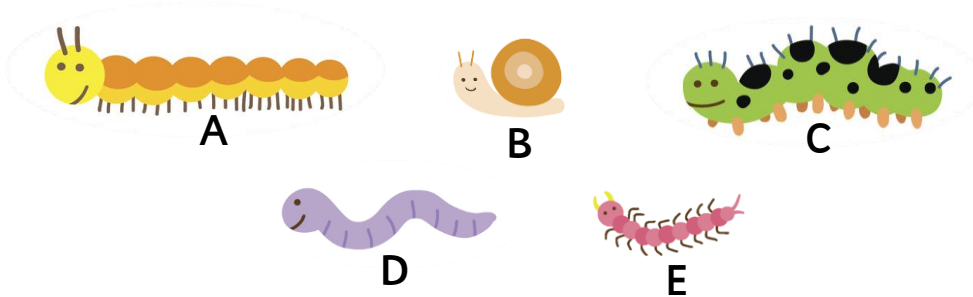
B



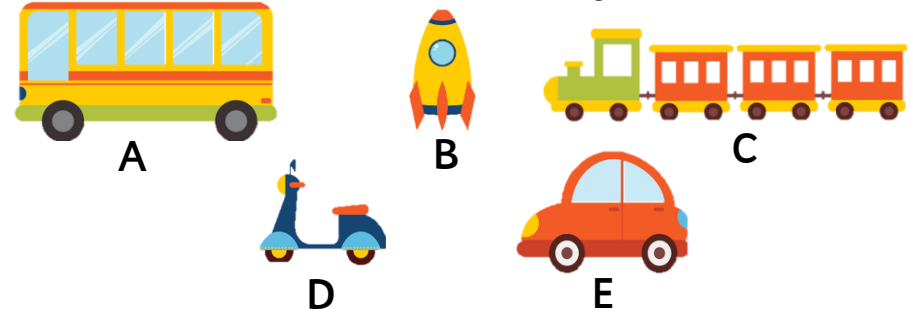
C

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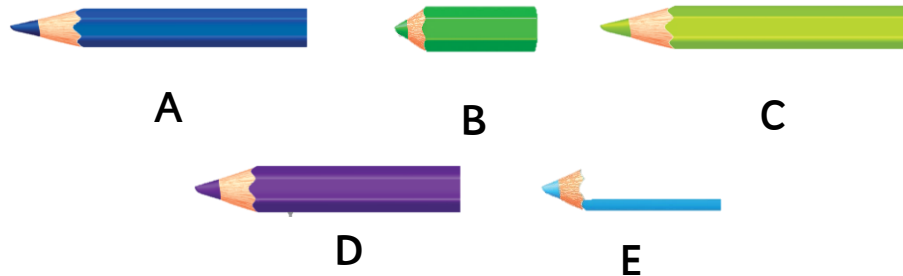
5. Put the insects in order from shortest to longest.



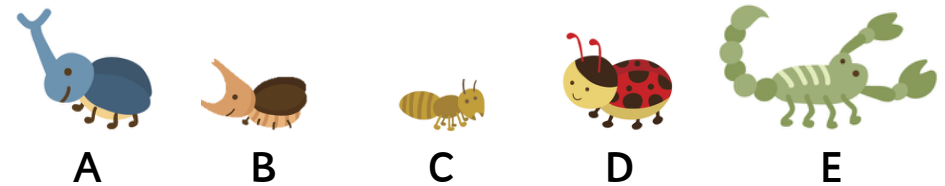
6. Put the vehicles in order from longest to shortest.



7. Put the pencils in order from shortest to longest.

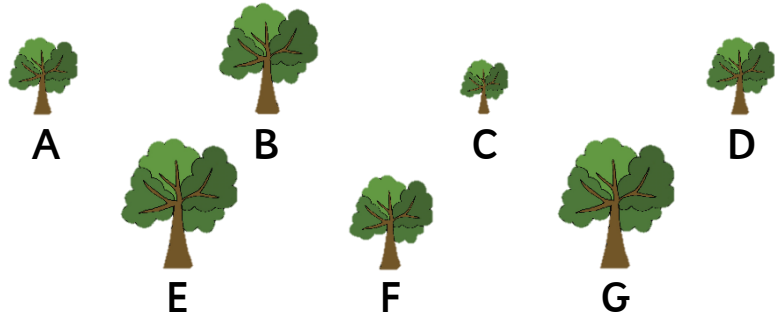


8. Put the insects in order from tallest to shortest.

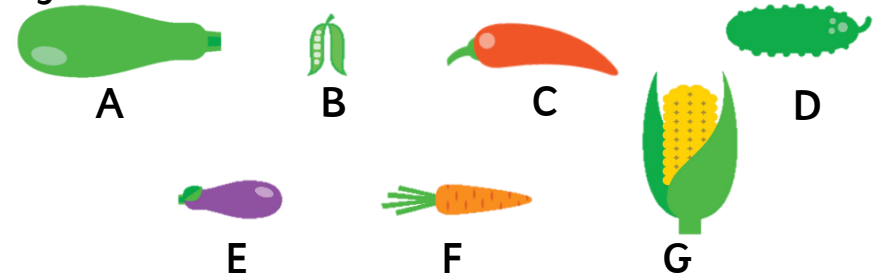


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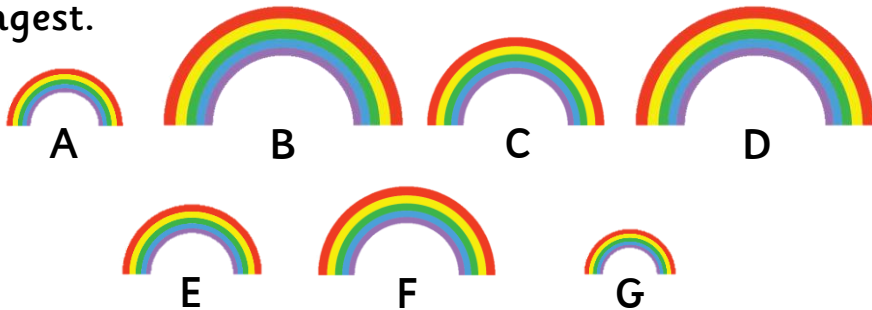
9. Put the trees in order from shortest to tallest.



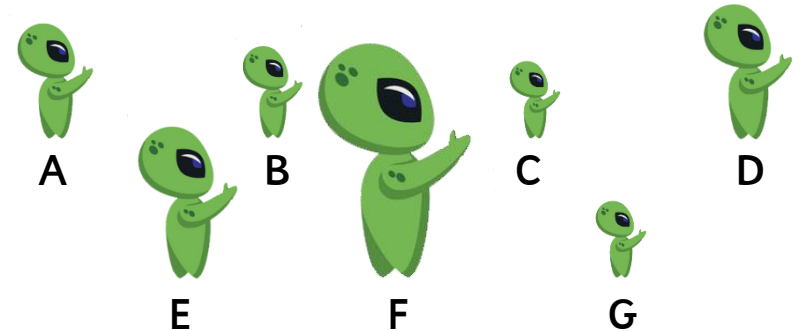
10. Put the vegetables in order from shortest to longest.



11. Put the rainbows in order from shortest to longest.



12. Put the aliens in order from tallest to shortest.



# Reasoning and Problem Solving – Compare Lengths and Heights 2

## Developing

1. B, C, A
2. B, A, C
3. B, A, C
4. B, A, C

## Secure

5. B, E, D, C, A
6. C, A, E, D, B,
7. B, E, D A, C
8. E, A, D, B, C

## Mastery

9. C, A & D, F, B, E & G
10. B, E, F & D, C, G, A
11. G, A, E, C & F, B & D
12. F, E, D, A, B, C & G