Compare Engineering Solutions

Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Two shade designs were tested on a hot day. Design A lowered the temperature 7 degrees; Design B, 3 degrees. Design B was tested at 5 p.m. Why is this comparison unfair?

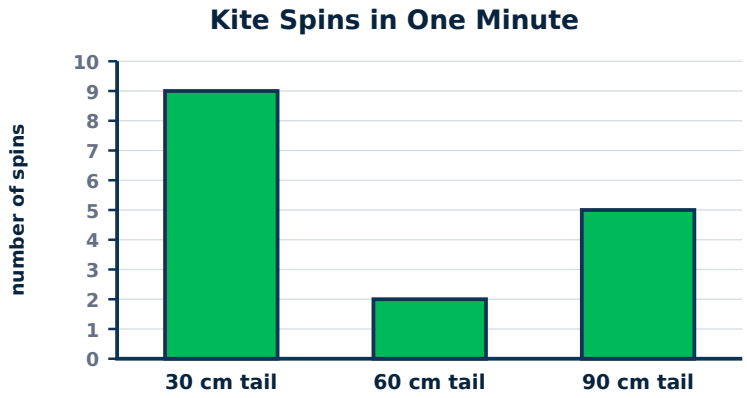
   both shades are the same color

   Design A cooled more

   they were tested at different times of day

   temperature cannot be measured

2. A class tested three kite tails. Which tail length gave the steadiest flight?



   30 cm 60 cm 90 cm all were the same

3. Two teams want a stronger tower. Team 1 adds triangle braces. Team 2 adds more tape. Team 1's tower holds 5 books; Team 2's holds 3. What should a third team try?

   no braces and no tape

   a taller tower with no braces

   more tape

   triangle braces

4. Car A rolled 6 m on smooth floor and 2 m on carpet. Car B rolled 4 m on both. The race is on carpet. Which car is better for the race?

   Car B Car A they are equally good neither car

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Answer Key - Grade 4 Science Worksheet

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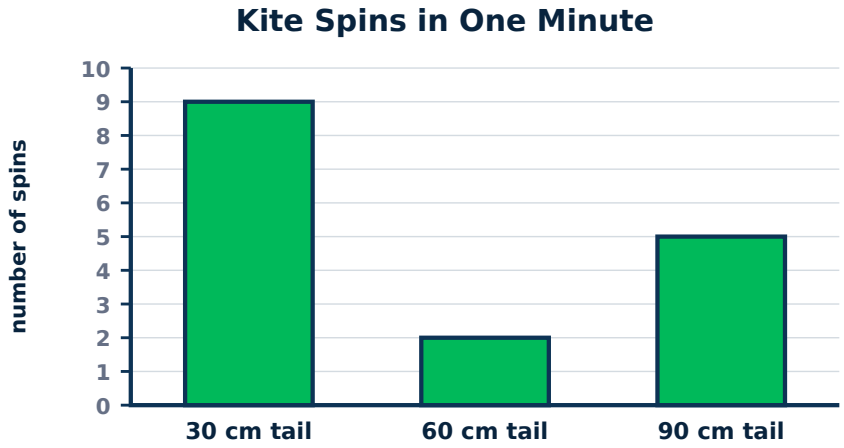
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