

Team Carton Works

Judge: Preparation:

- 12 half gallon cardboard milk or juice cartons, uniform size and construction, washed with soap and water.
- Folding ruler for judges' use in measuring

Judge Instructions:

(Judge: When team members enter the room, tell them)

This is a hands-on challenge. You have 1 minute to select the five team members who will compete. The others must sit in these seats and watch or be escorted from the room. They may not assist in solving the problem and may not talk.

(Judge: After 5 Team Members Chosen and seated, Read all the instructions, repeat, then Start the Time)

You have 12 half gallon cartons

- Your task, is to crate a structure as high as possible using the just the cartons
- The structure must be supported only by the floor
- You may not modify, crush, or tear the cartons in any way.

You will have 5 minutes to create structures. You may ask the judges to measure the total height of the structure at any time. The judges will measure it and announce the height in inches within 30 seconds. Once 30 seconds is up you may begin constructing another structure. At the end of the five minutes the judges will also measure the final structure

Scoring

- Only the tallest measured structure will be scored.
- You will receive 5 points for each inch the height of the structure exceeds 40 inches
(For example if the structure is 52 inches high you will receive 60 points, that is 5 times 52 minus 40 or 5 times 12)
- You will receive from 0 to 10 points for teamwork

You may ask questions at any time, time continues.

(Judge: Repeat all the instructions, then Start the Time)

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Team Copy and Count Form

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