

FolderDash

Judge: Preparation:

Have a large supply of sheets of 8 ½ x 11 copy paper

Provide the following materials on a table for the team members.

- 6 sheets of copy paper for part 1
- 2 sheets of copy paper for part 2a and 2 sheets for part 2b
- 10 pencils for the team to write down the counts

Provide a copy of the problem instructions on the table for the team members.

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)

If you try folding the same sheet of paper in half, you can only do it a few times before the paper can't be folded again. In this problem your task is to fold pieces of paper as many times as possible in a short period.

In part 1 you will have 4 minutes to plan and practice, with 6 sheets of paper.

In each of parts 2a and 2b you will be given 30 seconds and two sheets of paper.

- You may fold each sheet of paper as many times as you can
- As each person makes a fold in a sheet of paper, the person must count the folds as they are made such that the judges can hear the count and observe the folding (e.g. 1, 2, 3, 4 etc)
- No matter how the folds overlay or cross on the paper each fold by a person only counts once
- Once a fold is made, it must not be unfolded. If a fold is unfolded, no more folds will be counted on that sheet of paper
- The sheets of paper may not be ripped or cut
- AT THE END OF THE 30 SECONDS, WRITE ON THE PAPER THE NUMBER OF FOLDS YOU COUNTED AND TELL THE JUDGE THE FINAL COUNT
- There are no other rules

There will be a 30 second break between part 2a and 2b

Scoring:

- 1-10 points for teamwork
- 1 point for each fold

You may ask questions at any time, time continues

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

Judge Only Notes:

- Study the rules, don't add any restrictions of your own
- Observe the folding, make sure counting and folds match
- If you cannot hear the team members counting ask them to speak louder
- Gently correct any counting not matched by folds

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Team Copy

In each of parts 2a and 2b you will be given 30 seconds and two sheets of paper.

- You may fold each sheet of paper as many times as you can
- As each person makes a fold in a sheet of paper, the person must count the folds as they are made such that the judges can hear the count and observe the folding (e.g. 1, 2, 3, 4 etc)
- No matter how the folds overlay or cross on the paper each fold by a person only counts once
- Once a fold is made, it must not be unfolded. If a fold is unfolded, no more folds will be counted on that sheet of paper
- The sheets of paper may not be ripped or cut
- There are no other rules

There will be a 30 second break between part 2a and 2b

Scoring:

- 1-10 points for teamwork
- 1 point for each fold

You may ask questions at any time, time continues