

Paper Ball Run Challenge

Name: _____

Date: _____

Score Sheet for 2022 Fluor Engineering Challenge

1. How many pieces of paper did you use in your final ball run design? Round up to the nearest whole sheet. Paper used in earlier designs does not count.

2. Use a stopwatch to measure how long it takes the ball to go from the entrance to the exit of your ball run.

Number of minutes: _____

Number of seconds: _____

3. Convert this time to seconds.

$$(60 \times \frac{\text{_____}}{\text{number of minutes}}) + \frac{\text{_____}}{\text{number of seconds}} = \frac{\text{_____}}{\text{total time in seconds}}$$

4. Use this equation to find your final score.

$$(4 \times \frac{\text{_____}}{\text{total time in seconds}}) - (\frac{\text{_____}}{\text{number of sheets of paper}}) = \frac{\text{_____}}{\text{final score}}$$

Scores can be submitted with up to two decimal places.