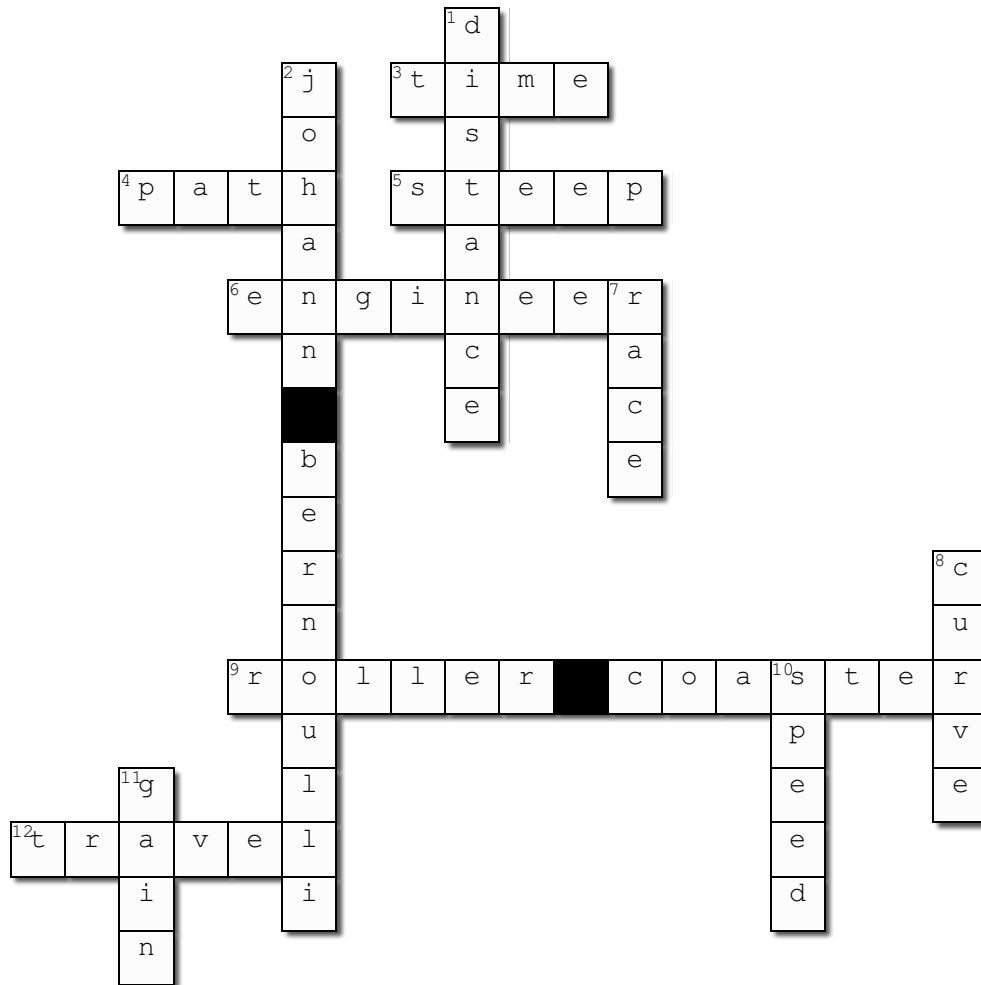


Name: _____

Brachistochrone Curve

Complete the crossword puzzle below: Watch the video (it is the same as the title) to help find some of the words and definitions, they will be hard without watching them! Certain answers are two words so they will have spaces (black squares).



Created using the Crossword Maker on TheTeachersCorner.net

distance | engineer | race | steep | path | curve | gain | travel | roller coaster | speed | Johann Bernoulli | time

Across

3. Hours, seconds, and minutes are all measurements of _____. (**time**)
4. The route or track followed. (**path**)
5. Something that rises or falls very sharply; almost to the point that it is completely up or down. (**steep**)
6. A person that designs and creates things. (**engineer**)
9. A ride that you go on for fun that has a set of tracks and a car secured to it; amusement parks have them. (**roller coaster**)
12. Moving from one place to another. (**travel**)

Down

1. The amount of space between things. (**distance**)
2. He created the Brachistochrone curve. (**Johann Bernoulli**)
7. A competition against who or what can go the fastest. (**race**)
8. A line that arcs; is not straight. (**curve**)
10. The rate something moves at. (**speed**)
11. Also known as increase, obtain, secure... (**gain**)