

MECHANICAL SCIENCE.

ONE REVOLUTION, OR TWO?

"How many Revolutions on its axis will a moveable wheel make in rolling once around a fixed wheel of the same diameter?" The *Scientific American* and the *Sun* answer "one."

Editors of the Revolution: However people may differ on the subject of "Woman's Rights," "Woman's Wrongs," "Female Suffrage," "Negro Suffrage," and the "Sanity of George Francis Train," they all agree that "THE REVOLUTION" has a surplus capital of brains which it is dispensing with a liberal hand to its poor, weak, erring brothers of the press. The answer to the above question as given by the *Scientific (?) American* and the *Sun*, is indicative of extreme poverty; and as these philosophers are believed to be honest, deserving objects of charity, allow me to call your special attention to their relief, thus:

1. The mass of matter composing the moving wheel *rolls* through a space just equal to twice its circumference.

2. The axis of a wheel is an imaginary line through its centre around which the mass of matter comprising the wheel, revolves, or may revolve.

3. Each particle of matter composing the moving wheel, passes around the centre of said wheel twice, hence, passes around its axis twice.

These self-evident facts sum up as follows: The mass of the moving wheel *rolls* through a distance equal to just twice its circumference, and in doing so, it necessarily revolves TWICE on its axis. Do the "ONE" Revolution editors comprehend? If not, they may demonstrate it by playing wheels with a couple of pennies and should this fail, marbles and a multiplication table will be their next resort.

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