

2 POWER PLAY



2.1 Experiencing the Power Play ...

An Impossible Venture!

Take a sheet of paper, as large a sheet as you can find. Fold it once. Fold it again, and again.

How many times can you fold it over and over?

Estu says "I heard that a sheet of paper can't be folded more than 7 times".

Roxie replies "What if we use a thinner paper, like a newspaper or a tissue paper?"

Try it with different types of paper and see what happens.



Say you can fold a sheet of paper as many times as you wish. What would its thickness be after 30 folds? Make a guess.

Let us find out how thick a sheet of paper will be after 46 folds. Assume that the thickness of the sheet is 0.001 cm.

