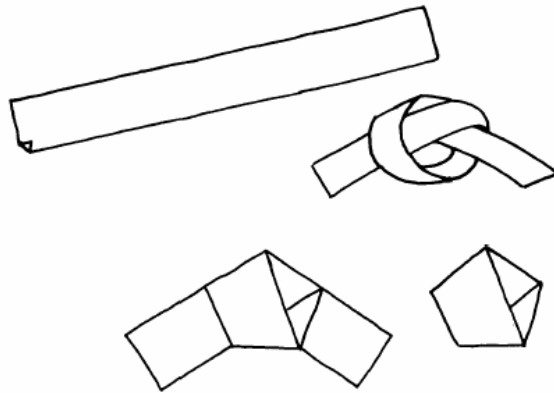# Knotty Pentagon



Folding a strip along its length into 2, 4, 8 equal parts is a relatively trivial matter, since paper folding is essentially a binary operation. But folding a paper into 5 equal parts can prove tricky. Folding a regular polygon with odd number of
sides can be quite difficult.

1. How to fold a regular pentagon? We often tie knots in pyjama strings and length of ropes seldom noticing that a tight knot takes the shape of a pentagon. Take a long rectangular strip of paper and tie the two loose ends into an ordinary knot.

2. Gently pull the ends to tighten the knot and you'll be surprised to see a very neat knotty pentagon.