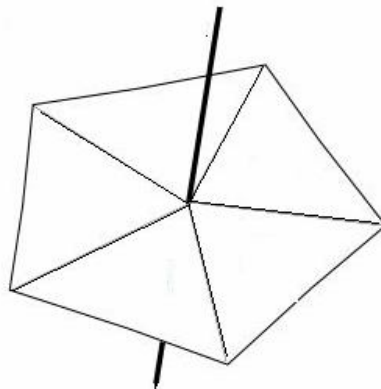## Problem Solving Week 9
Foundation
Bob has the blank fair five sided spinner in the diagram below.

Place a different number on each section of the spinner such that:

The probability of spinning a prime number is 0.4

The probability of spinning a square number is $\frac{1}{5}$

The probability of spinning an even number is 0.6

Higher
Kelly wants to buy a car that has just been released.
She can't afford to buy the car new and must wait until she can afford to buy a used one.
The new price of the car is £25000. The value of the car depreciates by 6% a year.
Kelly invests £16500 into a savings account paying 4% compound interest a year.
Will Kelly be able to afford the car after 4 years?
You must clearly show how you decided.