Mcs challenge Feb 24. Problem. LJIH = 100 (Internal Angle of Pentagon). .. LJID = 72 (Supplementary. Angles). " JO = IO, LDJI = 72 . : 4JOI = 190 - 72 -72 = 36 LITH= LIHJ = 36 ("IJ= IH). " LIHJ = LJOI , JH = JO = Q DJGBH. is a khombus with side a .. A ([] JGBH) = a. . " . ABGH = . 1/2 [] JGBH, A (ABGH) = D. :. A (EFJ) = ! \ a2

A (DEBHJ) - A (DIGGH) + A (DEFJ) + A (DFGJ) = a2 + a2 + A (7 F65). Bindus cakp = 302. + A(PFGN) Anitas. Cakp = A (DAGF) + A (DHCI) + A (IDJ) . . + A (IHI) area = 02 + 02 + 9 + A (3.HJ) AIHJ = AFGH in AYPa Anita's cake = 302 + A(DFGH) area : both Anita's and Bindus contributions. are. equal, they can split costs in half.

