OVIDYA BHAWAN, BALIKA VIDYAPITH Shakti Utthan Ashram, Lakhisarai-811311(Bihar) (Affiliated to CBSE up to +2 Level) CLASS: VII SUB.: MATHS (NCERT BASED) DATE: 08-09-2020 Q. AM is a median of AABC, frove that AB+ BC+ AC72AM Sum of any two sides of a triangle is Greater than their Side. Proof : - We know that IN JABM, AC+MC >AME - 0 IN JAME Adding ear () and () AB+BM+ AC+MC> AM+AM Mis AB+AC+(BM+MC)> 2AM : AB+AC+BC> 2AM Proved ABCD is a quad. than Show that (4)AB+BC+AD+CD > AC+BD. froof We Know that Sum of any two sides of a triangle is greater than thei Side

