USING RATIOS A repairman needs to climb to the top of a building. He takes the measurements shown. The right triangles created by each object and its shadow are similar. Can he use a ladder that reaches heights of up to 28 feet? Ladder a2+b2=c NO, Can't use 516 + 256 = 62 a 28 fuot ladder 832 = 02 28.84 ≈ C