6.3 Proving Quadrilaterals are Pavallelograms

The converse of 6.2

If it is a quadrilateral and both pairs of opposite sides are =

ELEN it's a

THE BC = AD ABCD IS

BC = AD ALT

This a quadrilateral with opposite angles = then it is a IT

LA = 10 then ABCD is a IT

18 = 10

If it is a quadrilateral and consecutive angles are supplementary, then it is a LI

If m19+m1c=180 the ABLD is LI

MLO+mLA=180

If it is a quadrilateral and its diagonals bisect each other, then it is a IT

If am = mc then iABCD is

If Dm = mB a I

Given AB 1/0x

AR = DC

AC = AC

Reflexive

LBAC = LDCA

Alt Int L's

ABC = ADA

by SAS

by the source of the portion of the p

If it is a quactrilateral and one pair of opposides is and II then it is a II

ADIICO ELLA ABCD IS

THE ABORD ALT

(e way s to show it is a []

1. Show both pairs of opp sides !!

2. Show both pairs of opp sides =

3. Show both pairs of opp 21s =

4. Show that consecutive 2's are supp

4. Show that the diagonals bisect each other

5. Show that I pair of opp sides is = 1!

6. Show that I pair of opp sides is = 1!

5 lopes $m = \frac{y_2 - y_1}{x_2 - x_1}$ If $m_1 = m_2$ then //

Distance $d = \sqrt{(x_2 - x_1)^2 + (y_1 - y_1)^2}$

P342-344 2-36 even 30- Draw using protractor, ruler