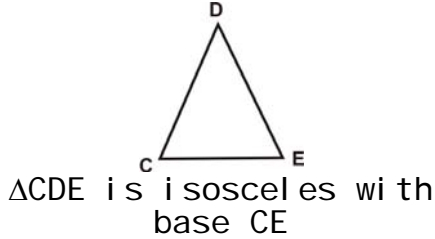


Intermediate Lesson: Pre-Proof Warm-Ups with Definitions

Using diagram and given information write direct conclusion for each case.

Intermediate skills



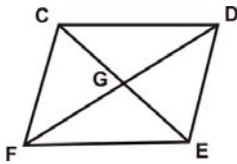
An isosceles triangle is any triangle that has any two equal sides.

$\triangle CDE$ is isosceles with base CE i.e. $CD = DE$
Also, equal sides have equal angles opposite to them.

$$\angle ECD = \angle DEC$$

Answer: $CD = DE$; $\angle ECD = \angle DEC$

Intermediate skills Practice



Given: diagonal FD
bisects diagonal CE

Diagonal FD bisects diagonal CE.

The point of their intersection is G. So, G is the midpoint of FD as well as CE.