Activity 18   More circle theorems
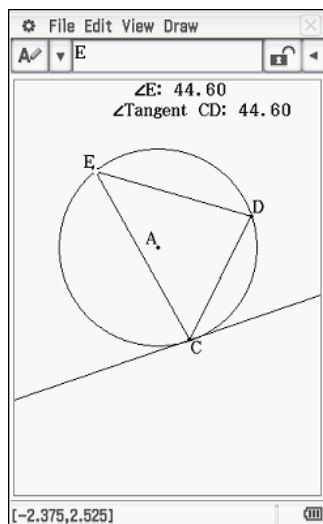
Aim: Verify more circle theorems and prove the results.
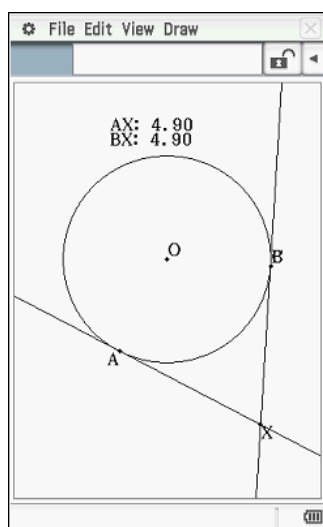
For each screenshot:
- Reproduce the ClassPad drawings;
- Drag points around and observe;
- Write a conjecture; and
- Prove your conjecture.
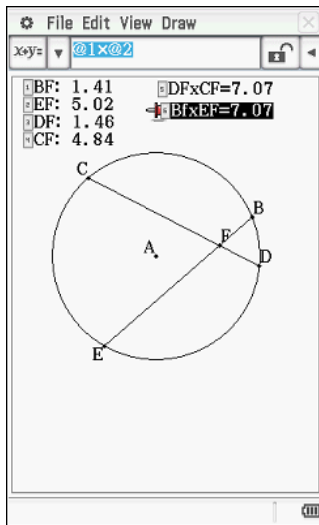
1.   Angles in alternate segment
    (You can use the tangent is perpendicular to the radius theorem)

2.   Tangents from an external point

3. Intersecting chords

4. Tangent and secant from an external point