

CHAPTER 14 Revision

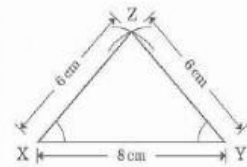
1. The figure adjoined shows which type of congruence transformation?

- (A) Reflection (B) Translation (C) Rotation



2. In the given Triangle XYZ, vertical angle is 80° , then the measurement of base angles are:-

- (A) 40° each (B) 50° each (C) 60° each

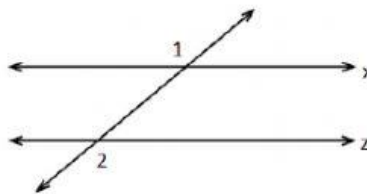


3. There are _____ classification of triangles based on "numbers of sides" of the triangle.

- (A) 2 (B) 3 (C) 4

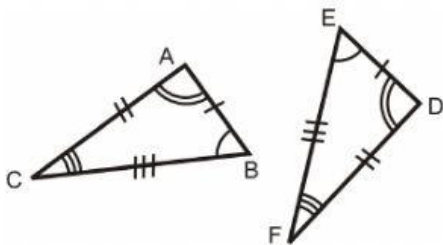
Descriptive:-

4. If $m\angle 1 = 110^\circ$, what must $m\angle 2$ equal for lines x and z to be parallel?



- (A) 30°
(B) 60°
(C) 70°
(D) 110°

5. Given $AB \cong ED$, $AC \cong DF$, $\angle C \cong \angle F$ Which of the following lists the correct triangle congruence?

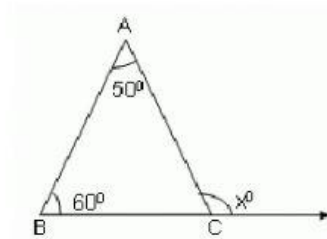


- (A) $\triangle ABC \cong \triangle DFE$

- (B) $\triangle ABC \cong \triangle DEF$
- (C) $\triangle ABC \cong \triangle FDE$
- (D) $\triangle ABC \cong \triangle FED$

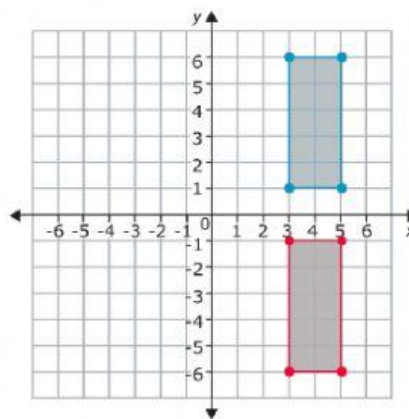
6. What is the measure of angle 'x' below?

- (A) 110°
- (B) 70°
- (C) 115°
- (D) 160°



7. Identify the type of congruence transformation

- (A) *Reflection*
- (B) *Rotation*
- (C) *Translation*
- (D) *None of the above*



8. Given that the triangles are congruent. Identify which postulate or theorem applies.

- (A) *SSS*
- (B) *SAS*
- (C) *ASA*
- (D) *AAS*

