

CHAPTER 14 Revision

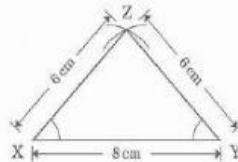
1. The figure adjoined shows which type of congruence transformation?

(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

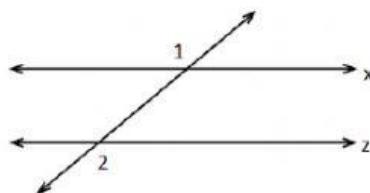


3. There are _____ classification of triangles based on "numbers of sides" of the triangle.

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

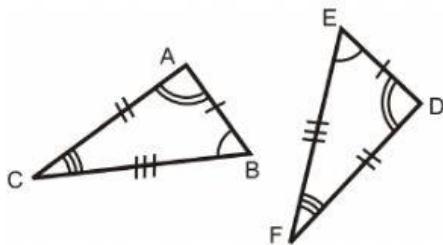
Descriptive:-

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?

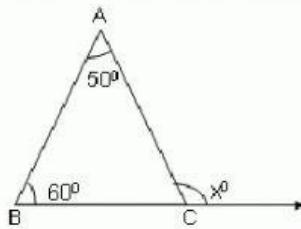


(A) $\triangle ABC \cong \triangle DFE$

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

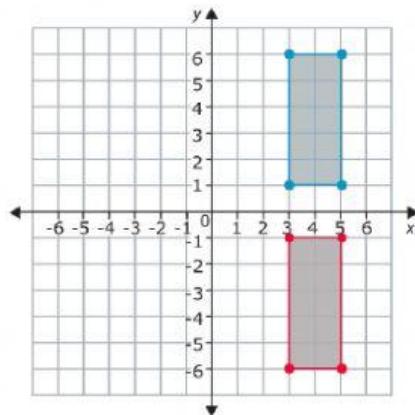
6. What is the measure of angle 'x' below?

(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

