



وزارة التربية والتعليم

الإدارة المركزية لتطوير المناهج

إدارة تنمية مادة الرياضيات

أداءات ونقيمات لمنهج الرياضيات

للسف الأول الأعدادي

للعام الدراسي 2024 / 2025

الرياضيات



**Math-ENGLISH-Prep1-TR2-C-W10**  
**Third Unit: Geometry and Measurement**  
**Lessons (Drawing the triangle– The reflection)**

- 1- Draw the triangle  $ABC$  in which:  $AB = 6\text{ cm}$ ,  $BC = 4\text{ cm}$ ,  $AC = 5\text{ cm}$ .
- 2- Draw the triangle  $ABC$  in which:  $AB = 5\text{ cm}$ ,  $m(\angle A) = 120^\circ$ ,  $m(\angle B) = 30^\circ$ .
- 3- Draw the triangle  $ABC$  in which:  $AB = 7\text{ cm}$ ,  $BC = 5\text{ cm}$ ,  $m(\angle ABC) = 80^\circ$ ,
- 4- Draw the triangle  $XYZ$  in which:  $XY = XZ = 6\text{ cm}$ ,  $YZ = 8\text{ cm}$ , then bisect each of  $\angle Y$  and  $\angle Z$  by two bisectors intersecting at point  $M$ .
- 5- Draw the triangle  $ABC$  in which:  $AB = 4\text{ cm}$ ,  $BC = 3\text{ cm}$ ,  $m(\angle ABC) = 90^\circ$ , then bisect  $\overline{AC}$  at point  $D$ .
- 6- Draw the triangle  $ABC$  where:  $A(-6, 6)$ ,  $B(-2, 2)$ ,  $C(4, 1)$ , then draw its image under reflection in the  $X$ - axis.
- 7- Draw the parallelogram whose vertices are:  $A(1, 1)$ ,  $B(4, 1)$ ,  $C(3, 3)$ ,  $D(0, 3)$ , then draw its image under reflection in the  $X$ - axis.
- 8- Find the image of the point  $(-5, 0)$  under reflection in the  $X$ - axis.
- 9- Find the image of the point  $(-1, -7)$  under reflection in the  $Y$ - axis.
- 10- If  $(-5, -4)$  is the image of  $(-5, 4)$ , determine if this under a reflection in the  $X$ - axis, or in the  $Y$ - axis.