

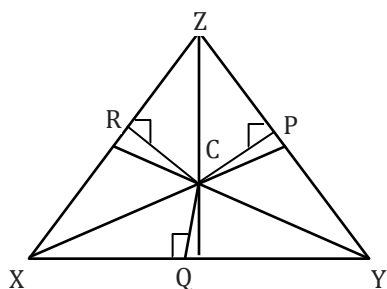
# Area of a Triangle

Name: \_\_\_\_\_

Date: \_\_\_\_\_

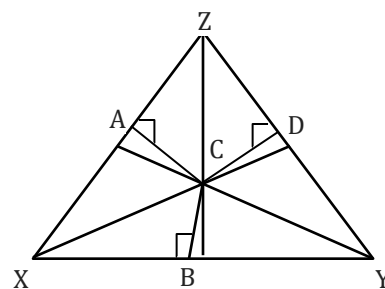
Each triangle has one of its angle bisectors drawn.

- 1)  $CR = 16$ . Find  $CQ$ .



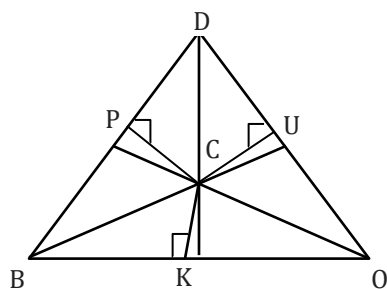
$CQ =$  \_\_\_\_\_

- 2)  $ZD = 30$  and  $CD = 5$ . Find  $CZ$ .



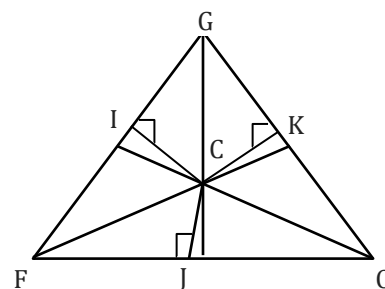
$CZ =$  \_\_\_\_\_

- 3)  $CK = 19$ . Find  $CP$ .



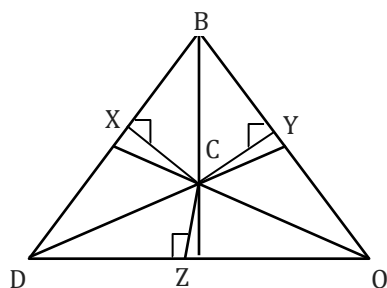
$CP =$  \_\_\_\_\_

- 4)  $GI = 45$  and  $CI = 16$ . Find  $CG$ .



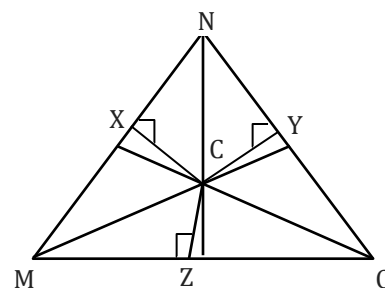
$CG =$  \_\_\_\_\_

- 5)  $BX = 36$  and  $CX = 7$ . Find  $CB$ .



$CB =$  \_\_\_\_\_

- 6)  $CX = 28$ . Find  $CY$ .



$CY =$  \_\_\_\_\_

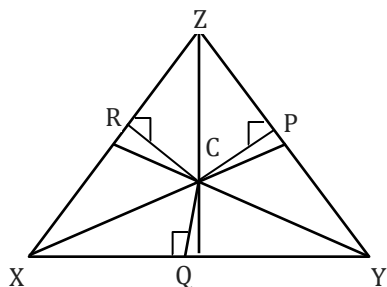
# Area of a Triangle

Name: \_\_\_\_\_

Date: \_\_\_\_\_

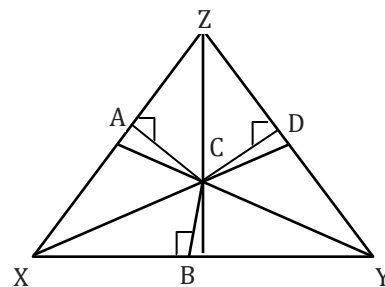
Each triangle has one of its angle bisectors drawn.

- 1)  $CR = 16$ . Find  $CQ$ .



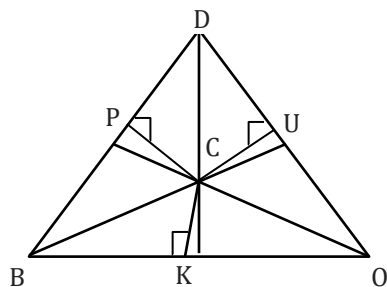
$CQ = 16$  \_\_\_\_\_

- 2)  $ZD = 30$  and  $CD = 5$ . Find  $CZ$ .



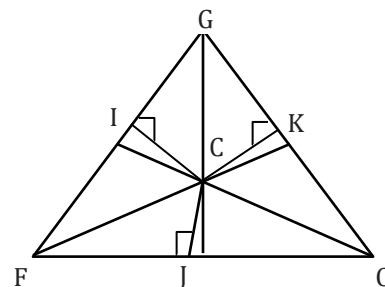
$CZ = 30.41$  \_\_\_\_\_

- 3)  $CK = 19$ . Find  $CP$ .



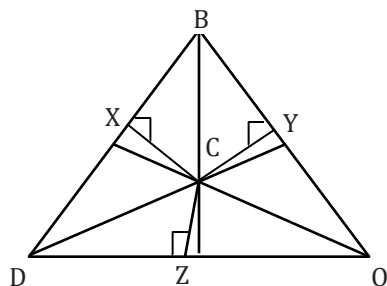
$CP = 19$  \_\_\_\_\_

- 4)  $GI = 45$  and  $CI = 16$ . Find  $CG$ .



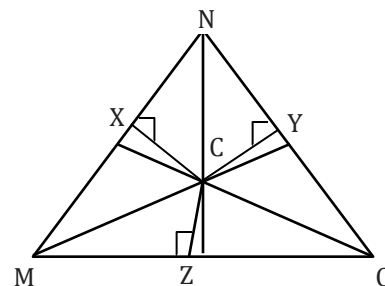
$CG = 47.76$  \_\_\_\_\_

- 5)  $BX = 36$  and  $CX = 7$ . Find  $CB$ .



$CB = 36.67$  \_\_\_\_\_

- 6)  $CX = 28$ . Find  $CY$ .



$CY = 28$  \_\_\_\_\_