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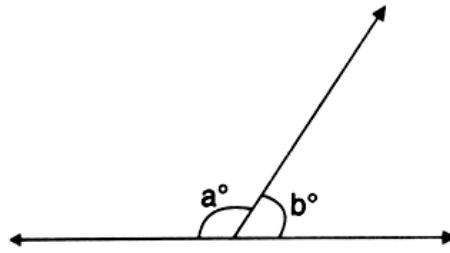
1.    In the given figure, If a = 2b find the a and b
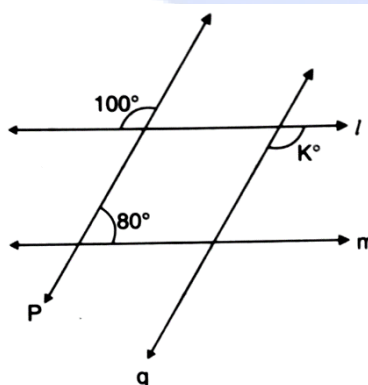
2.    In the given figure x° = y° = z° find y° + z°.

3.    What is the measure of the angle that is equal to twice of its complement?

4.    Find y if: l || m.
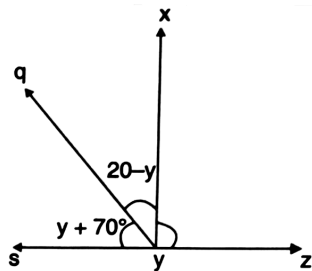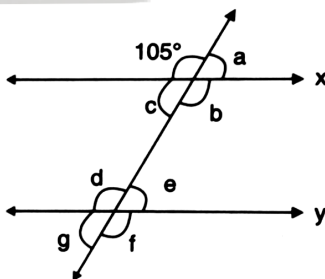
5.    Find K if l || m and p || q.

6.    If two complementary angles are in the ratio 1:4, find the angles.

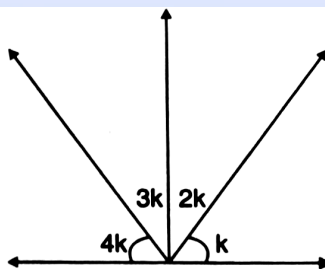7.    An angle is $\dfrac{4}{5}$ of its supplement. What is it magnitude?
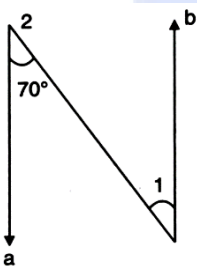
8.    In the given figure find ∠xyz.
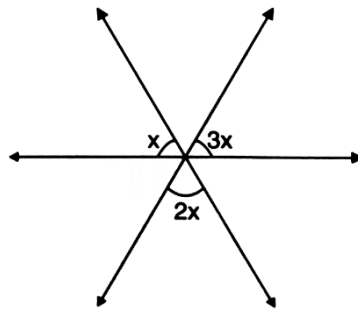


9.    If x || y find f and g.



10.    The difference of the measures of two supplementary angles is 50°. Find the measures of the angles.
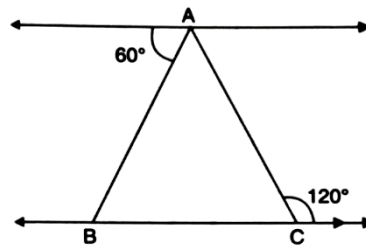
11.    Use the given figure to find K° and its supplement.



12.    Two supplementary angles are in the ratio 4:5, find the smaller of the angles.

13.    If a || b and 2 = 70° find ∠1.
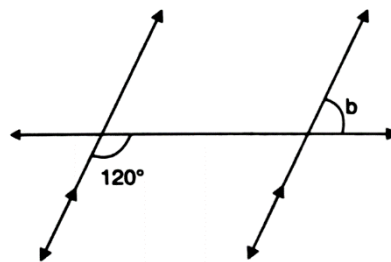


14.    Find the angle which is equal to 8 times its complement.

15.    Find the value of x.
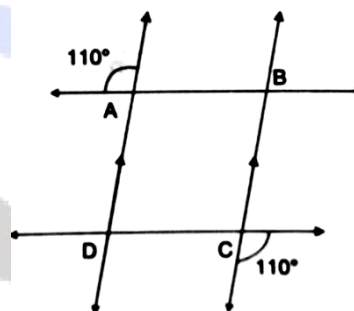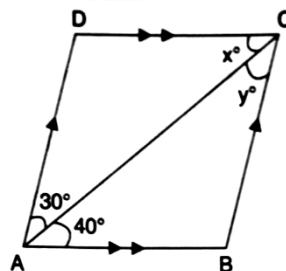
16.     What type of triangle is ΔABC?

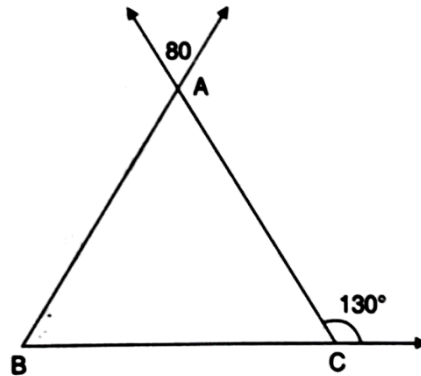

17.     What is the measure of b in the following figure?



18.     What type of quadrilateral is ABCD?

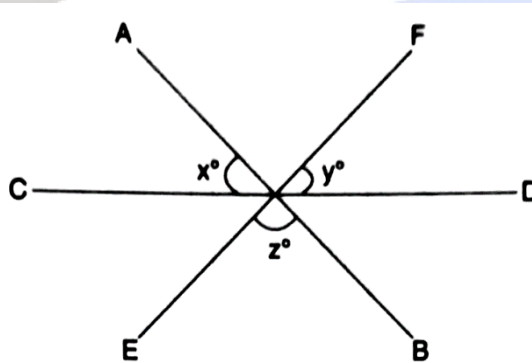

19.     What is the measure of x and y in the following figure?

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20.     Based on the given figure identify the triangle ABC.



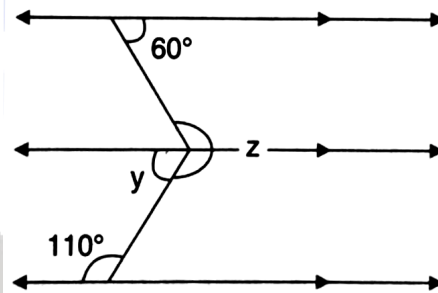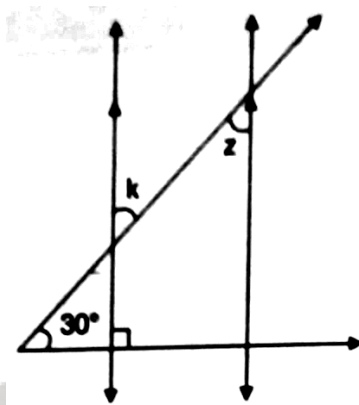21.     AB, CD and EF are three lines intersecting at the same point.



        What is the measure of angle x, if y = 50° and z = 85°?
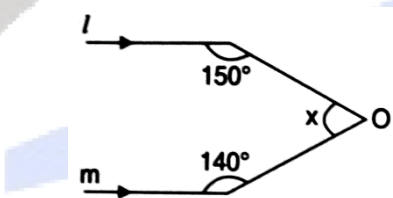
22.     What is the measure of angle y° + z°.



23.     What is the measure of angle z + k.

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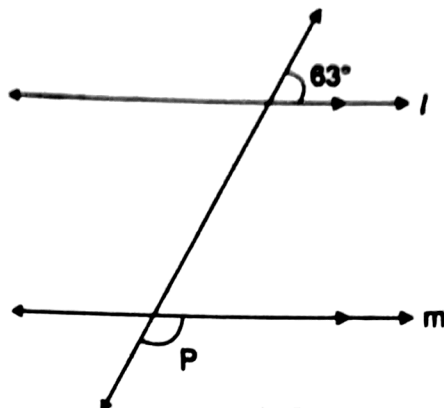**Email: info.educonclave@gmail.com; sangeettuli@gmail.com**

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24. What is the measure of x.
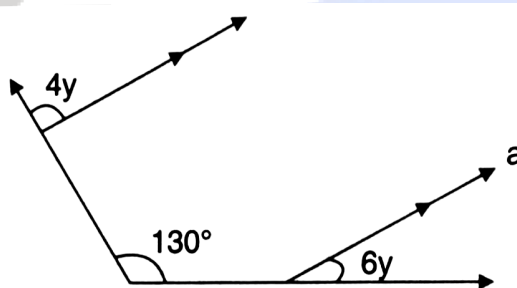


25. What is measure of the angles if the three angles which add up to 180°are in the ratio 2: 3: 7.

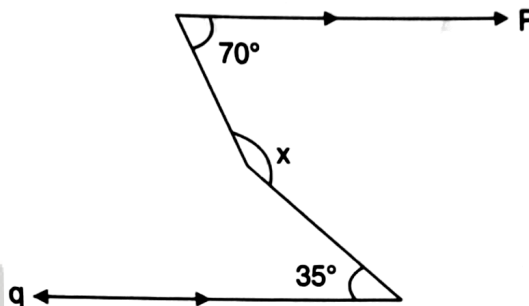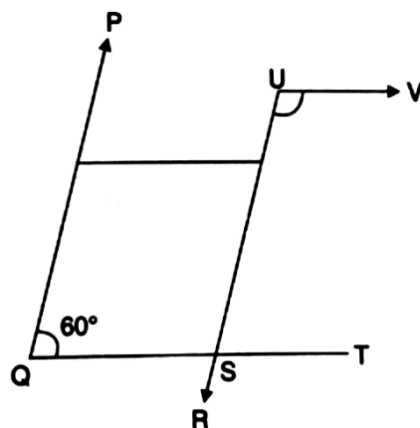26.     Find the measure of ∠P.



27.     What is the measure of y in the following figure?



28.     In the given figure P || q. What is the measure of x?



29.     Given PQ || RU & QT || UV and ∠PQT = 60° find ∠VUS.

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30.     If BD is the angle bisector of ∠EBC, what is ∠DBC?



31.     What is the measure of b + c?

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