Activity Worksheet

Challenging brain

Sub : Mathematics **Grade: IX** **Date: .....**

Name: ..... **ID No.....**

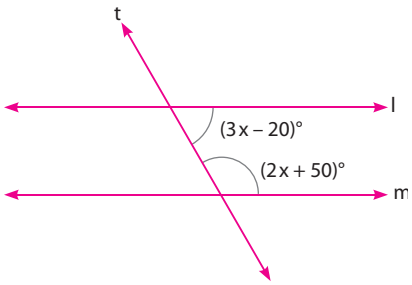
Multiple Choice Questions

Write the correct answer in each of the following:

1. In Fig. 4.9, what value of x make lines l and m parallel to each other

(a) 20° (b) 25°

(c) 30° (d) 35°



2. If the angles of a triangle are in the ratio 5 : 3 : 7, then the triangle is

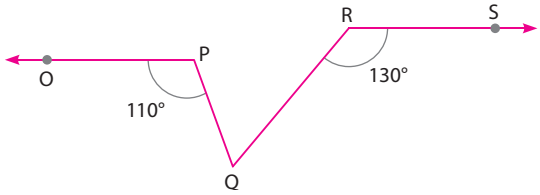
(a) an acute angled triangle (b) an obtuse angled triangle

(c) a right angle triangle (d) an isosceles triangle

3. In Fig. 4.10, if OP || RS, ∠OPQ = 110° and ∠QRS = 130°, then ∠PQR is equal to

(a) 40° (b) 50°

(c) 60° (d) 70°



4. An exterior angle of a triangle is 105° and its interior opposite angles are equal. Each of these equal angles is

(a) $37\frac{1}{2}^{o}$ (b) $52\frac{1}{2}^{o}$ (c) $72\frac{1}{2}^{o}$ (d) 75^{o}

© Copyright 2011-12. Rights reserved with Xamidea.in