

# MATH'S HOME WORK NO.6

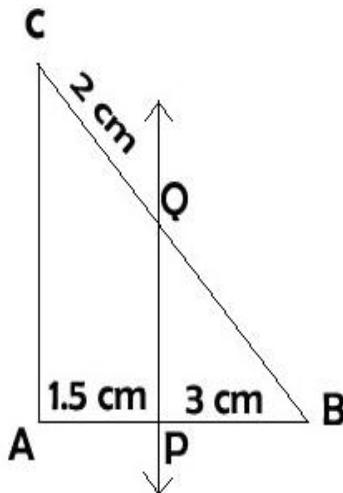
DATE: 9/7/2010 FRIDAY

MAXIMUM MARKS= 20

Q1-STATE WHETHER THE FOLLOWING STATEMENT IS TRUE OR FALSE ,IF FALSE WRITE THE CORRECT STATEMENT.

1)TWO REGULAR POLYGONS ARE ALWAYS SIMILAR.

Q2-IN THE FIGURE  $QP \parallel AC$  ,  $BC=?$



a)1.5 cm

b)4 cm

c)6 cm

d) 7 cm

Q3 STATE WHETHER THE FOLLOWING STATEMENTS IS TRUE OR NOT .JUSTIFY YOUR ANSWER.

““ALL RECTANGLES ARE SIMILAR””

Q4-IN THE FIGURE  $DE \parallel BC$ ,  $AD=2.4\text{cm}$ ,  $DB=3.6\text{cm}$ ,  $AC=5\text{cm}$ ,  $AE=?$

a)1.8 cm b)2 cm c) 2.4 cm d) 3 cm

Q5-STATE AND PROVE BPT(BY PROPORTIONAL THEOREM).

