GATITU DAY MIXED SEC SCHOOL

 MATHEMATICS FORM 2 CAT 2

 TERM 2 2012 MIDTERM EXAM

1. Work out (4mks)

 a) 1305$÷$ (670 -235) + 6 $×$780 $÷$ 13

b) 1444 + (16 $×$180) $÷$90

2. Solve for X

 a) 642x $÷$ 16x =1024 (3mks)

 128x $×$ 42x

b) 2 $×$ 3 x = 162 (2mks)

3. Use logarithm tables to solve (6mks)

a) 415.2$×$ 0.0761

 135

b) 69.6 cos 42

 sin 64

4. Find the values of the following without using tables

 a) cos 45 (2mks)

b) sin 60 (2mks)

c) cos 30 (2mks)

d) tan 60 sin 45 cos 45 (3mks)

 tan 30 sin 60

5. Find the area of the triangles below

 (3mks)

a)

b) (3mks)