Trigonometric Ratios

Solve the questions

1. If ∆ABC is a right angled triangle at B and its base is 7cm and perpendicular is 4cm. Determine the value of cos B and tan B.
2. If ∆PQR right angled at Q with base 3cm and hypotenuse 7cm. Calculate the value of cot Q and sec Q.
3. In ∆LMN has $\angle M = 90^0$ with hypotenuse 13cm and base 12cm. Find all trigonometric ratios.
4. In ∆ABC with $\angle B = 90^0$. Find hypotenuse if base is 7cm and perpendicular is 24cm.
5. In ∆PQR with $\angle Q = 90^0$, base = 2cm and perpendicular = 4cm. Calculate sin P and tan P.