**6.5 Cosine Law**

The ***cosine law*** describes a relationship between the three sides and the cosine of an angle.

ex.1. In $∆$ABC, a = 50m, c = 38m, <B = 44. Find b to the nearest metre.

ex.2. In $∆$PQR, p = 60cm, q = 52cm, r = 48cm. Find the largest angle.

ex.3. Find the measure of the indicated side to the nearest tenth.

**Homework p**