Practise: The Sine and Cosine Ratios
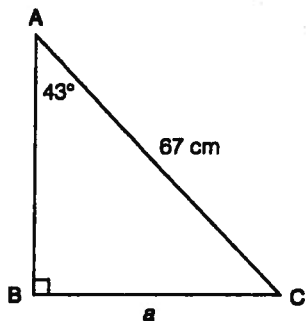
1. Use a scientific calculator to find each value. Round to four decimal places.

   a) cos 75° _____   b) sin 12° _____   c) sin 53° _____

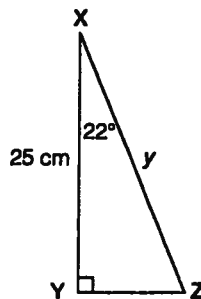   d) cos 8° _____   e) sin 66° _____   f) cos 81° _____

2. Use a scientific calculator to find the angle measure in each of the following.
   Round to the nearest degree.

   a) sin X = 0.1636 _____   b) sin A = 0.9386 _____   c) cos Y = 0.2232 _____

   d) cos F = 0.5867 _____   e) sin B = 0.4587 _____   f) cos K = 0.6892 _____
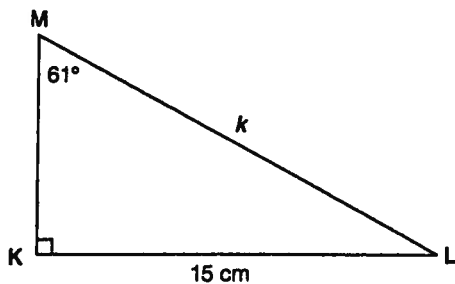
3. In the following right triangles, find the measure of the indicated side.
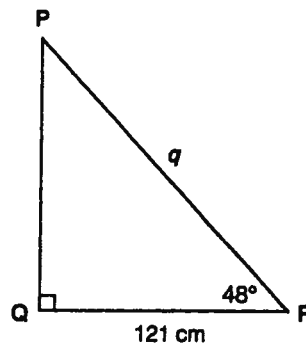   Round to the nearest centimetre.

a) $a =$ _____

b) $y =$ _____

c) $k =$ _____

d) $q =$ _____