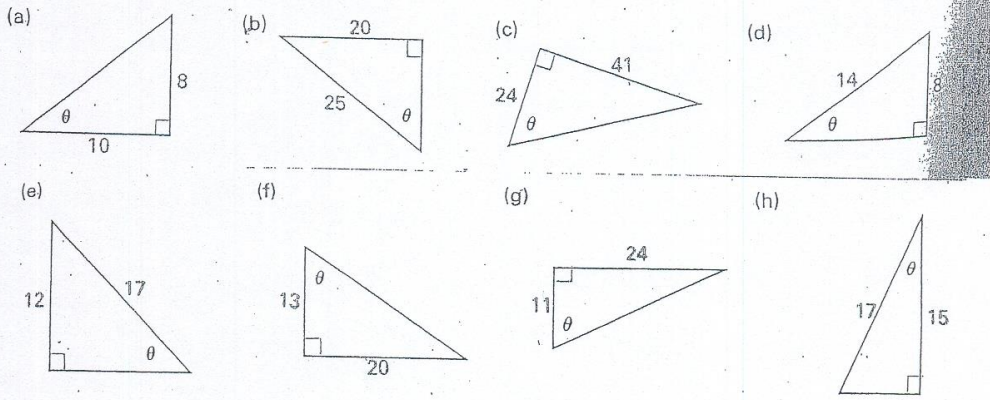
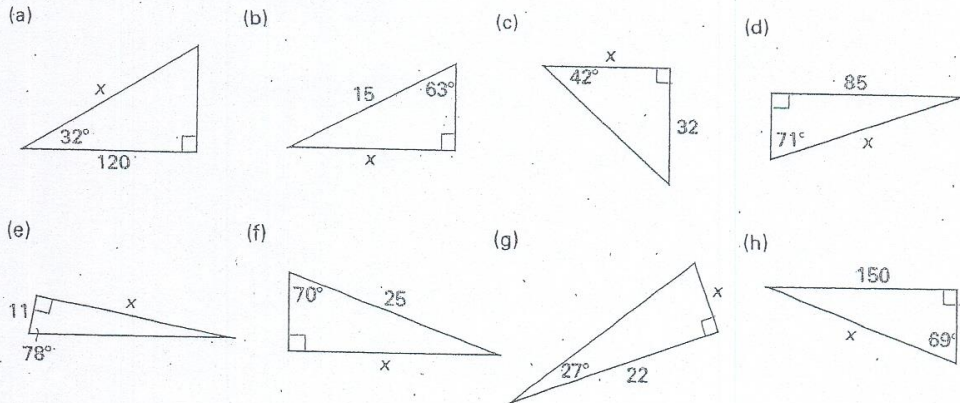


# Primary Trig Ratios

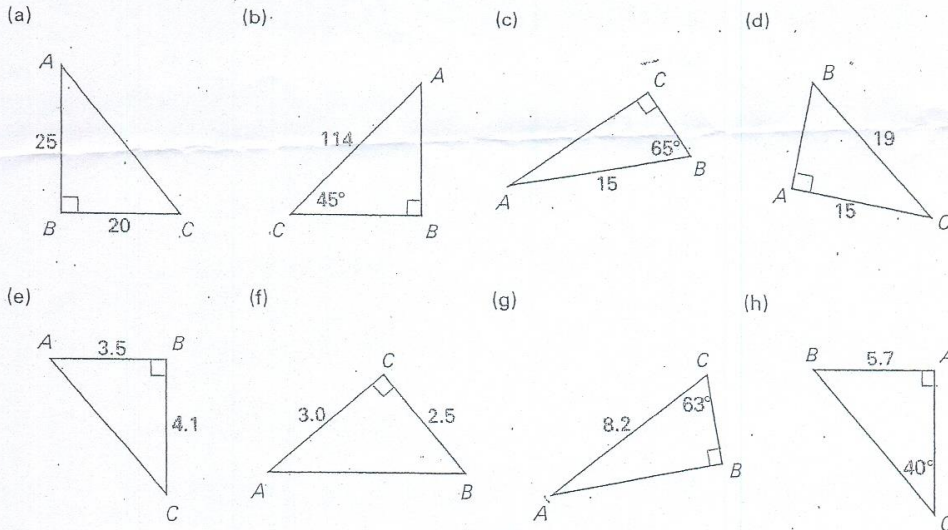
B 1. Find the measure of the indicated angle.



2. Find the length of the indicated side.



3. Solve the following triangles.



1. (a)  $39^\circ$  (b)  $53^\circ$  (c)  $60^\circ$  (d)  $35^\circ$  (e)  $45^\circ$  (f)  $57^\circ$  (g)  $65^\circ$  (h)  $28^\circ$   
 2. (a) 142 (b) 13.4 (c) 35.5 (d) 89.9 (e) 51.8 (f) 23.5 (g) 11.2 (h) 161  
 3. (a)  $\angle A = 39^\circ$ ;  $\angle C = 51^\circ$ ,  $b = 32$  (b)  $\angle A = 45^\circ$ ,  $a = 80.6$ ,  $c = 80.6$  (c)  $\angle A = 25^\circ$ ,  $a = 6.34$ ,  $b = 13.6$   
 (d)  $\angle B = 52^\circ$ ,  $\angle C = 38^\circ$ ,  $c = 11.7$  (e)  $b = 5.39$ ,  $\angle A = 50^\circ$ ,  $\angle C = 40^\circ$  (f)  $c = 3.91$ ,  $\angle A = 40^\circ$ ,  $\angle B = 50^\circ$