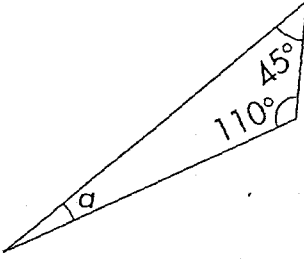
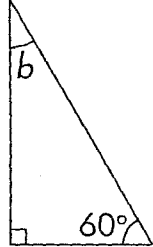
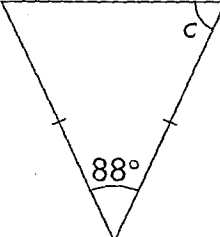
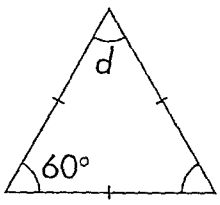
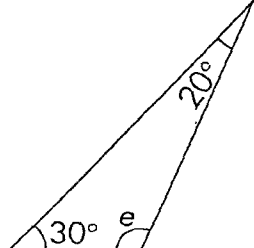
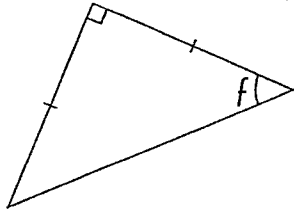


A. The following figures are not drawn to scale. Find the unknown angles.

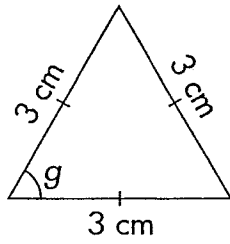
(1)		$\angle a =$
(2)		$\angle b =$
(3)		$\angle c =$
(4)		$\angle d =$
(5)		$\angle e =$

(6)



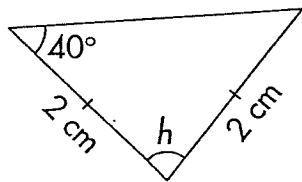
$$\angle f =$$

(7)



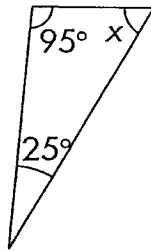
$$\angle g =$$

(8)



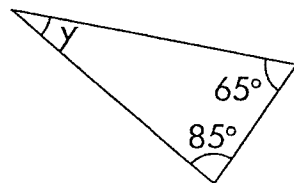
$$\angle h =$$

9)



$$\angle x =$$

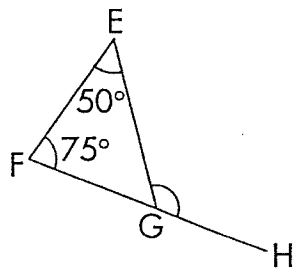
(10)



$$\angle y =$$

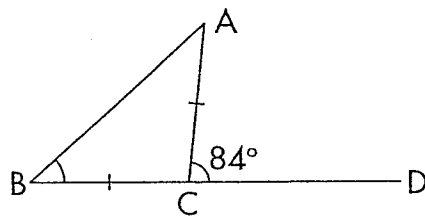
B. The following figures are not drawn to scale. Find the unknown angles.

(1)



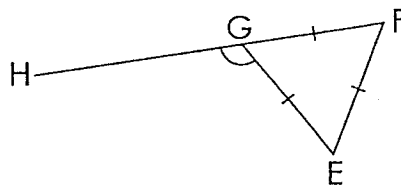
Find  $\angle EGH$ .

(2)



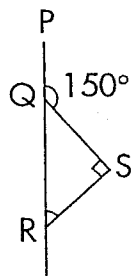
Find  $\angle ABC$ .

(3)



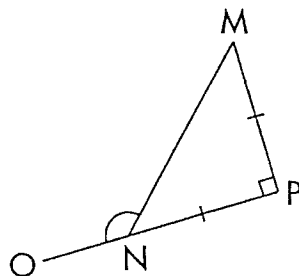
Find  $\angle HGE$ .

(4)



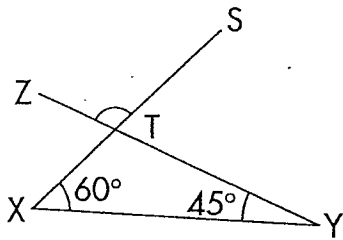
Find  $\angle QRS$ .

(5)



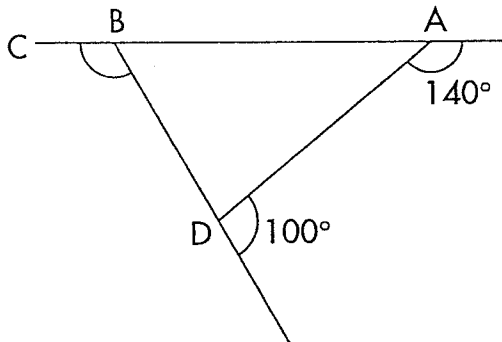
Find  $\angle MNO$ .

(6)



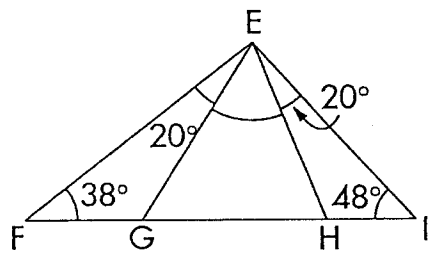
Find  $\angle STZ$ .

(7)



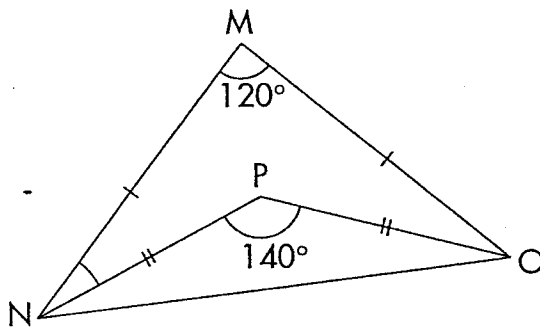
Find  $\angle DBC$ .

(8)



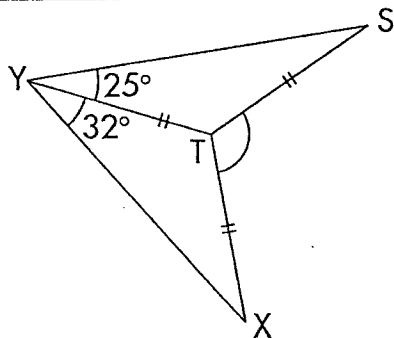
Find  $\angle GEH$ .

(9)



Find  $\angle MNP$ .

(10)

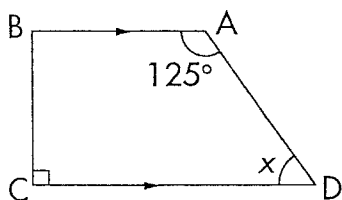


Find  $\angle STX$ .

# 4-Sided Figures

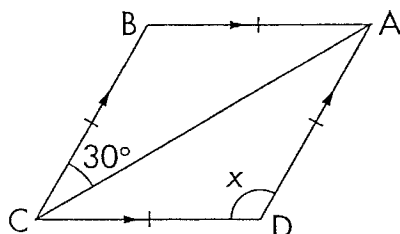
The following figures are not drawn to scale. Find the unknown marked angles.

(1)



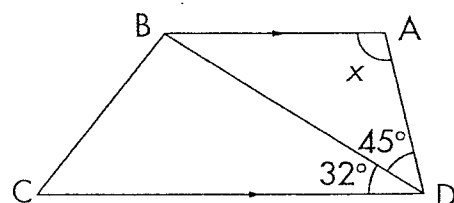
ABCD is a trapezium. Find  $\angle x$ .

(2)



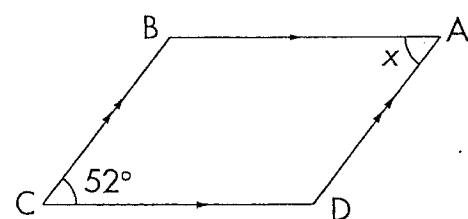
ABCD is a rhombus. Find  $\angle x$ .

(3)



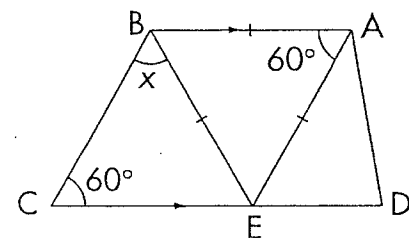
ABCD is a trapezium. Find  $\angle x$ .

(4)



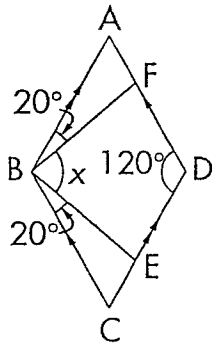
ABCD is a parallelogram. Find  $\angle x$ .

(5)



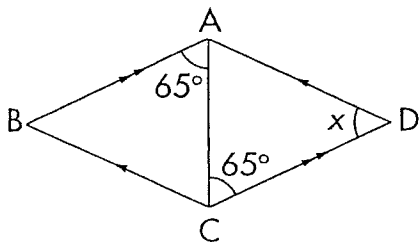
ABCD is a trapezium. Find  $\angle x$ .

6)



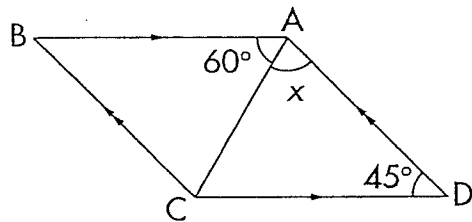
ABCD is a rhombus. Find  $\angle x$ .

7)



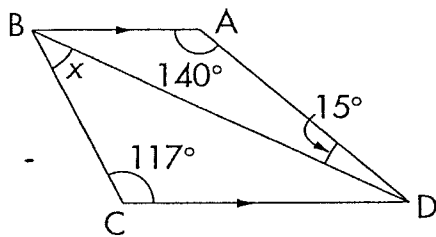
ABCD is a rhombus. Find  $\angle x$ .

8)



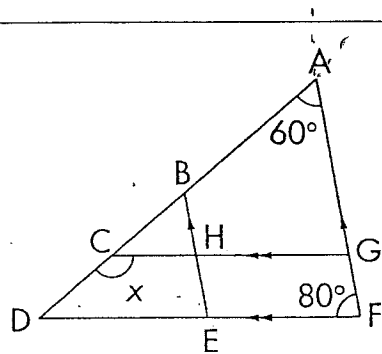
ABCD is a parallelogram. Find  $\angle x$ .

9)



ABCD is a trapezium. Find  $\angle x$ .

(10)



ABEF and CDFG are trapeziums. Find  $\angle x$ .

**Exercise 42**

A (1)  $25^\circ$  (2)  $30^\circ$  (3)  $46^\circ$  (4)  $60^\circ$   
(5)  $130^\circ$  (6)  $45^\circ$  (7)  $60^\circ$  (8)  $100^\circ$   
(9)  $60^\circ$  (10)  $30^\circ$

B (1)  $125^\circ$  (2)  $42^\circ$  (3)  $120^\circ$  (4)  $60^\circ$   
(5)  $135^\circ$  (6)  $75^\circ$  (7)  $120^\circ$  (8)  $54^\circ$   
(9)  $10^\circ$  (10)  $114^\circ$

**Exercise 43**

(1)  $55^\circ$  (2)  $120^\circ$  (3)  $103^\circ$  (4)  $52^\circ$   
(5)  $60^\circ$  (6)  $80^\circ$  (7)  $50^\circ$  (8)  $75^\circ$   
(9)  $38^\circ$  (10)  $140^\circ$

