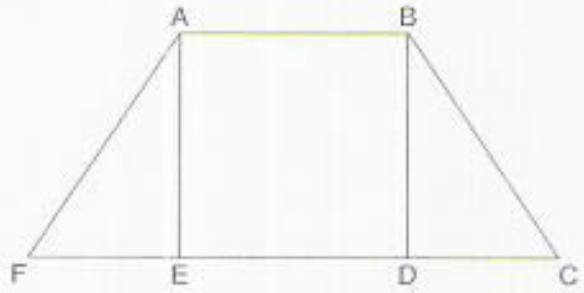
The lines in this shape are named by using capital letters. The base line is FC.



Which lines are perpendicular to FC?

1 _____ 2 _____

3 Name the line which is parallel to FC.

Ans _____

Name two oblique lines.

4 _____ 5 _____

6 The shape formed by ABDE is a

Ans _____

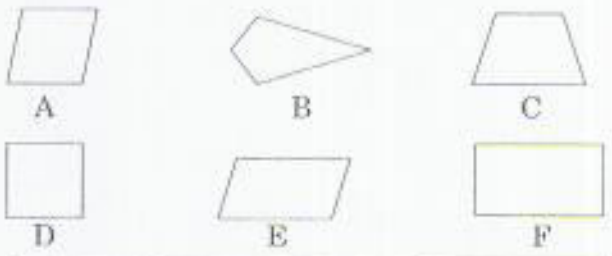
7 How many horizontal lines are there?

Ans _____

8 How many right angles are there?

Ans _____

Name these shapes. Complete the table by placing the letter of the shape beside its name.



	SQUARE	D
9	KITE	_____
10	RECTANGLE	_____
11	TRAPEZIUM	_____
12	RHOMBUS	_____
13	PARALLELOGRAM	_____

Answer these questions about the shapes drawn above.

14 Which shape has equal sides but not equal angles?

Ans _____

15 How many of the shapes have 2 sets of parallel lines?

Ans _____

16 Which shape has 2 pairs of equal sides which are not opposite to each other?

Ans _____

17 Which shape does not have a line of symmetry?

Ans _____

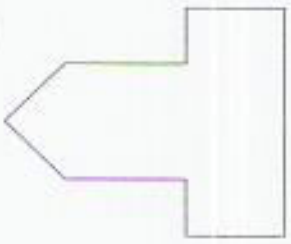
18 Which shape has only one pair of parallel sides?

Ans _____

Show all the lines of symmetry in each of these shapes.

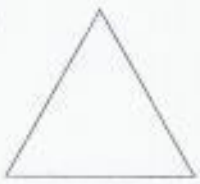
19 

20 

21 

22 

By rotation find the order of rotational symmetry for each of these shapes.

23 

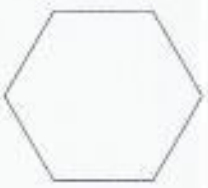
rotational symmetry of order

Ans

24 

rotational symmetry of order

Ans

25 

rotational symmetry of order

Ans

26 

rotational symmetry of order

Ans

In which direction would you be facing if you:

27 Faced East and then turned clockwise through 2 right angles?

Ans

28 Faced SW and turned anticlockwise through $1\frac{1}{2}$ right angles?

Ans

29 Faced West and turned 270° anticlockwise?

Ans

30 Faced NE and turned 180° clockwise?

Ans

How many degrees from-

31 North, clockwise to East?

Ans °

32 West, clockwise to South?

Ans °

33 SW, anticlockwise to NW?

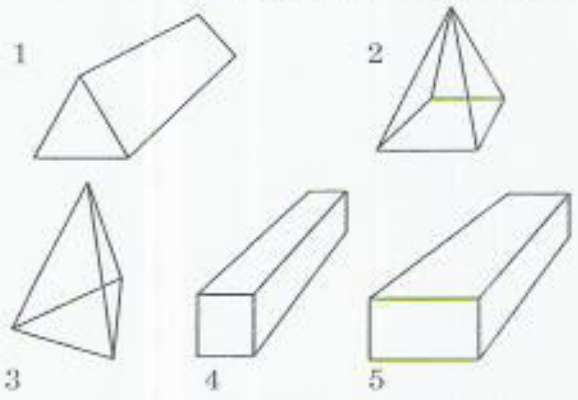
Ans °

34 East, anticlockwise to NW?

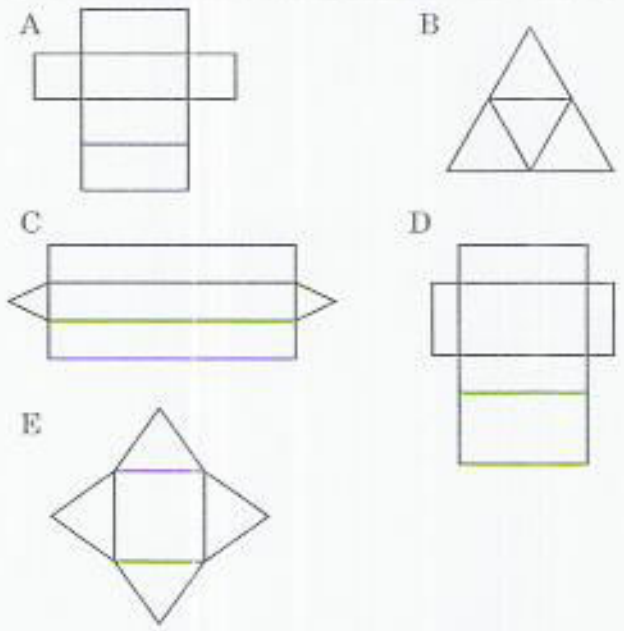
Ans °

Complete the table below by matching the shapes and nets.

SHAPES



NETS



		Shape	Net
35	Square pyramid		
36	Triangular pyramid		
37	Square prism		
38	Rectangular prism		
39	Triangular prism		

40 How many faces has a rectangular prism?

Ans _____ faces

41 How many faces has a triangular pyramid?

Ans _____ faces

42 How many rectangular faces has a square prism?

Ans _____ faces

43 How many square faces has a square prism?

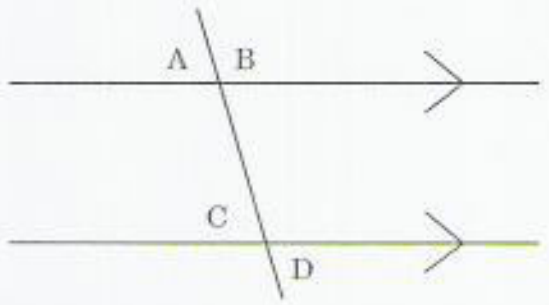
Ans _____ faces

44 How many vertices (corners) has a square pyramid?

Ans _____ vertices

45 Which shape has 6 vertices?

Ans _____



Read these statement about the size of the angles in the above diagram. Decide whether each statement is true or false. Write True or False for your answers.

46 A is equal to C Ans _____

47 C is not equal to D Ans _____

48 B is equal to C Ans _____

49 B and D together make 180° Ans _____

50 A and C together make 180° Ans _____