NAME \_\_\_\_\_ INDEX NUMBER \_\_\_\_\_

SCHOOL \_\_\_\_\_ DATE \_\_\_\_\_

## **COMMON SOLIDS AND NETS**

KCSE	E 1989 – 2012 Form 1 Mathematics	Working space
Answ	ver all the questions	
1.	1997 Q 10 P2	
	On the surface of a cuboid ABCDEFGH a continuous path BFDHB is drawn as shown by the arrows below.	
	F G D D E F G F C F C F C F C F C F C F C C F C C F C C F C C F C	
	(a) Draw and label a net of cuboid (b) On the net show the path	
2.	<b>1999 Q 8 P2</b> The figure below shows a solid made by passing two equal regular tetrahedral.	
	(a) Draw a net of the solid (b) If each face is an equilateral triangle of side 5cm, find the surface area of the solid	

		Working space
3.	2001 Q 5 P2	
	The figure below shows a net of a prism whose cross – section is an equilateral triangle.	
	a) Sketch the prism b) State the number of planes of symmetry of the prism.	
4.	<b>2002 Q 6 P2</b> The figure below represents a square based solid with a path marked on it.	
	B F F H H	
	Sketch and label the net of the solid.	



		Working space
8.	2008 O 5 P1	<u> </u>
0.	The figure below shows a net of a solid	
	n <b>k</b> ingin <u>, ny</u> kanalan ka	
	Below is a part of the sketch of the solid whose net is	
	shown above.	
	Complete the sketch of the solid, showing the hidden	
	edges with broken lines. (3 marks)	
9.	2010 Q 9 P1	
	The figure below is a pat of a subs with some data on two	
	faces	
	• •	
	• •	
	Civen that the number of date on pairs of encodite faces	
	adds up to 7, fill in appropriate dots in each of the empty	
	faces. (2 marks)	



## **COMMON SOLIDS AND NETS MARKING SCHEME**

