cube maths about Worksheet الملف

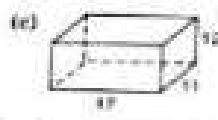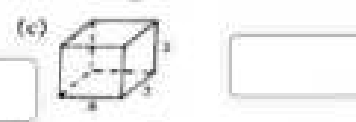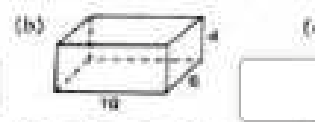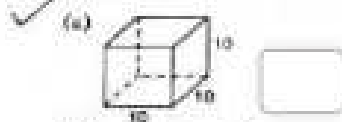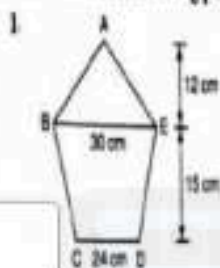| More files for 8th Grade , Subject Math , Term 1	
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Worksheet

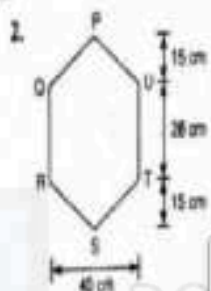1) Find the surface area of a cube whose side length is 6cm. ▢

2)

1. **Find the surface area and lateral area of each cuboid / cube. All lengths are in centimetres.**
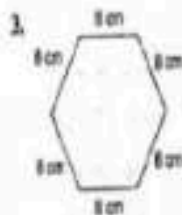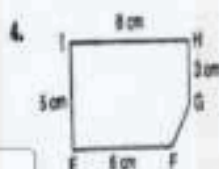
(a)

(b)

(c)

(d)

(e)

(f)

3)

Find the area of the following polygons.

1.

A
B ____ E
30 cm
12 cm
15 cm
C 24 cm D

2.

F
15 cm
Q   U
26 cm
R   T
15 cm
S
40 cm

3.

8 cm
8 cm   8 cm
8 cm   8 cm
8 cm

4.

8 cm
I   H
3 cm
5 cm   G
E 6 cm F

5.

R
10 cm
S   V   17 cm
8 cm
T   U
14 cm

6.
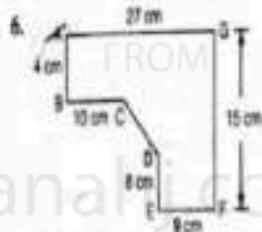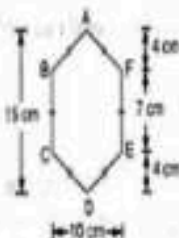

27 cm
4 cm
B
10 cm C
15 cm
D
8 cm
E   F
9 cm
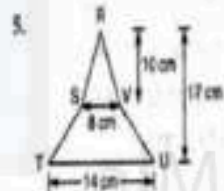
7. Find the area of the hexagon ABCDEF in two ways:

(a) By splitting into two congruent triangles and a rectangle.

(b) By splitting into two congruent trapeziums.

A
4 cm
B   F
7 cm
15 cm
C   E
4 cm
D
10 cm

4) The difference of the parallel sides of a trapezoidal field is 20m. Its area is 450 m²and its altitude is 15m . Find the length of the parallel sides.

5) Two parallel sides of an isosceles trapezium are 31 cm and 15 cm. Its non-parallel sides are each equal to 17cm. Find the area of the trapezium.