

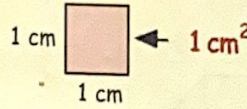
Area

The **area** of a shape is defined as the :-

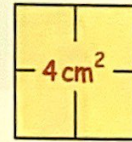
AMOUNT OF SPACE IT COVERS.

A square, measuring 1 cm by 1 cm is said to have an :-
area of 1 square centimetre.

This is written as :- **1 cm²**



This shape has **4** similar squares. It has an **area of 4 cm²**

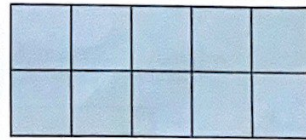


Be able to find the area of a shape by counting square centimetres

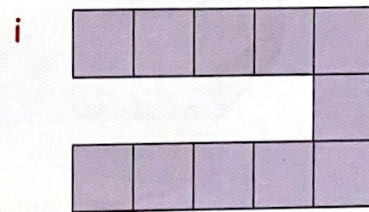
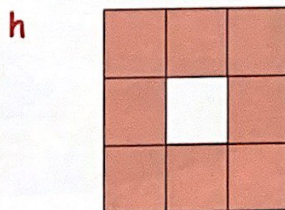
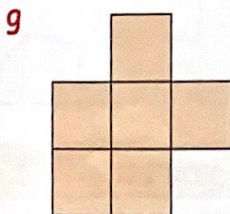
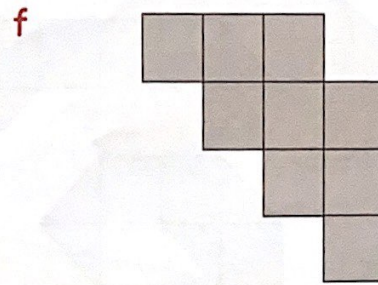
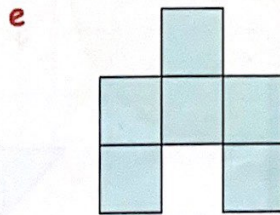
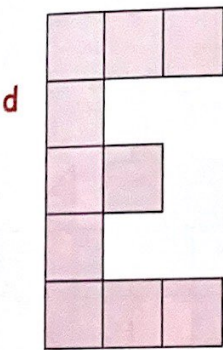
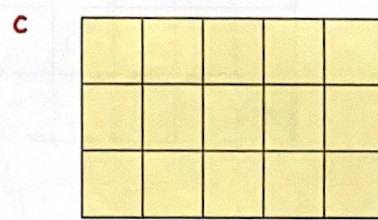
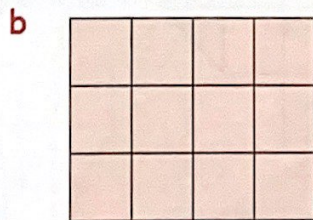
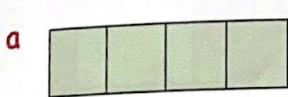


Exercise 3

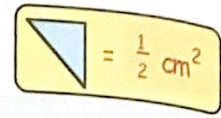
1. Write down the area (...cm²) of this shape.



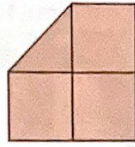
2. Write down the area (...cm²) of each shape below :-



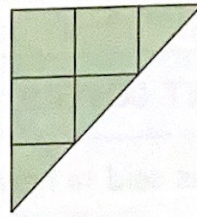
3. Write down the area (...cm²) of each shape below :-



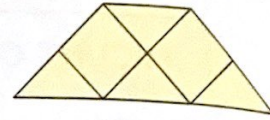
a



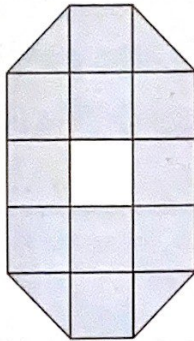
b



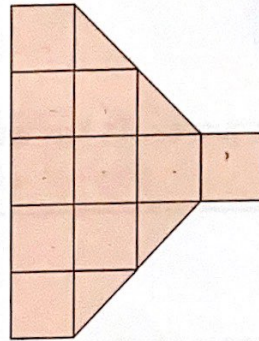
c



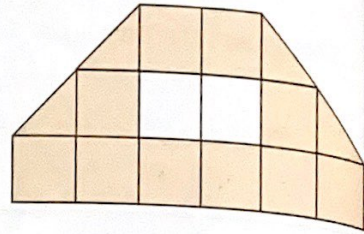
d



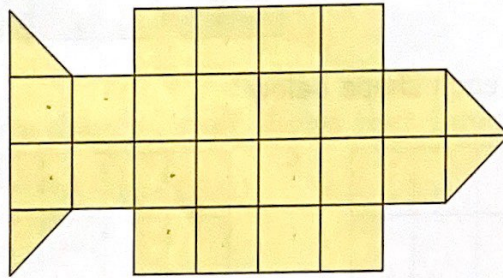
e



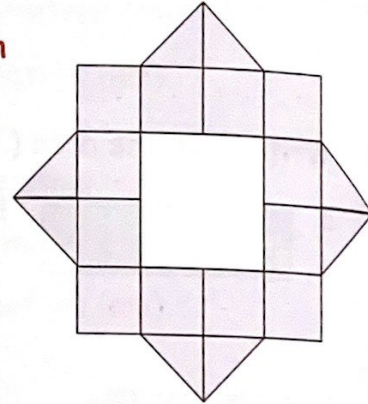
f



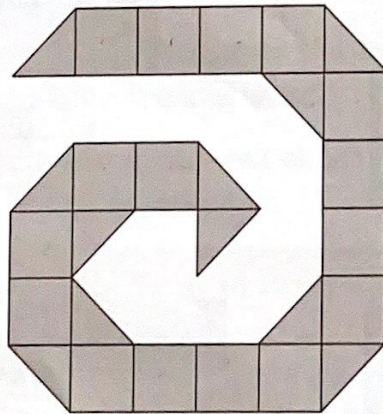
g



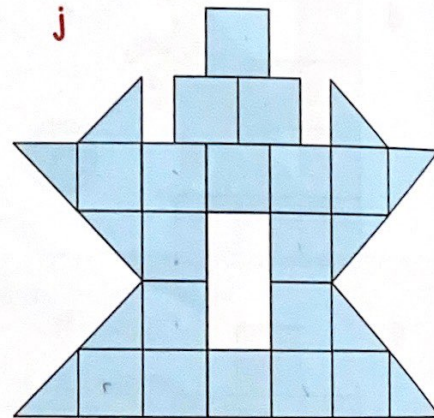
h



i



j



Worksheet 15.3

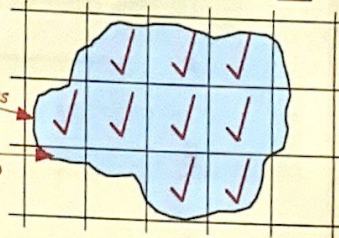
Estimating Area

It is possible to **estimate** the area of a shape which is not made of squares and half squares.

Be able to estimate the area of a shape by counting square centimetres

Example :- To find the **area** of this blue shape :-

- Begin by counting all the **whole squares**.
- **Add** on any bits that are **more than $\frac{1}{2}$** covered.
- **Ignore** any bits that are **less than $\frac{1}{2}$** covered.

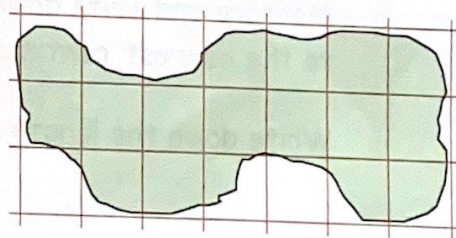


An **estimate** for the **area** of this shape is **9 cm²**.

Exercise 4

Worksheet 15.4

1. **Estimate** the area (...cm²) of the shape opposite :-



2. **Estimate** the area of each of these :-

