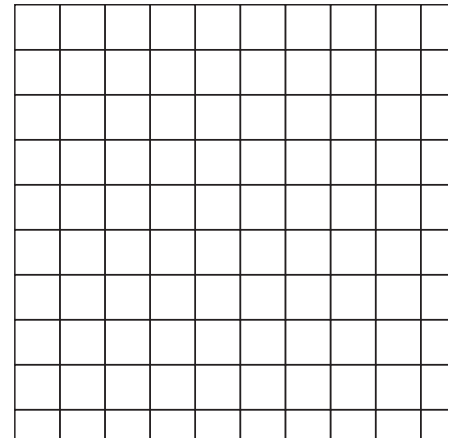


Lesson Plan

Equipment Needed:

- cm^2 grid sheet as a transparency (see printable sheet and print onto a transparency rather than paper—check that the printer does not resize the image before printing)
- printed worksheet showing various shapes (check printer does not resize the page as this will give different measurements)
- **N.B.** There is an alternate version of the worksheet that has an overlaid grid, for use if there is no transparent overlay available. It is preferable to use the overlay where possible as students will realise that cm^2 can be used for any object, and reducing the idea that all they have to do is to count squares.




Activity:

1. Show students a piece of paper marked with a 1 cm grid
 2. Ask students to draw a square
 3. Introduce the concept of 'area' and explain how to measure it
 4. Give students a square and ask them to find its area
 5. Give students a rectangle and ask them to find its area
- N.B.** Students may be confused by the term 'area'.

Extension activity:

Find areas of



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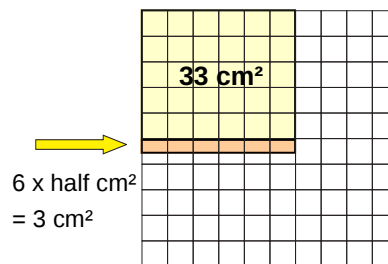
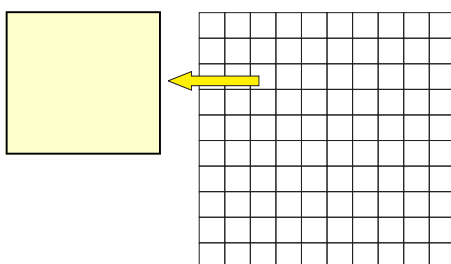
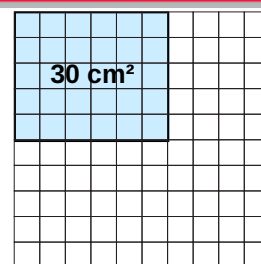
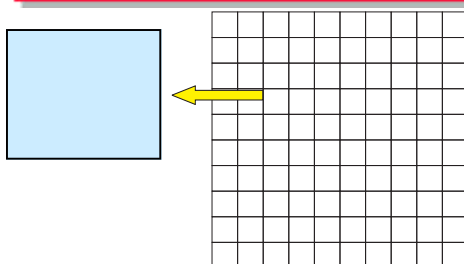
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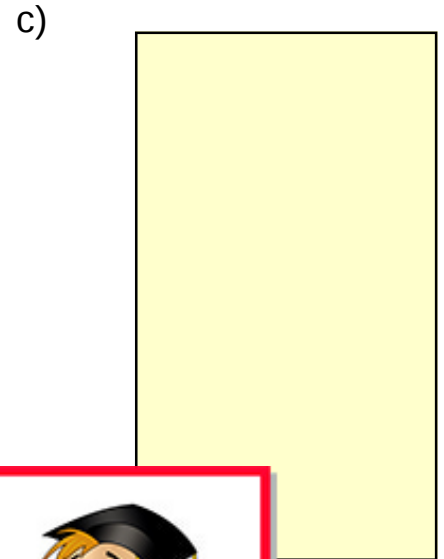
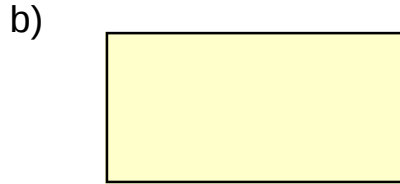
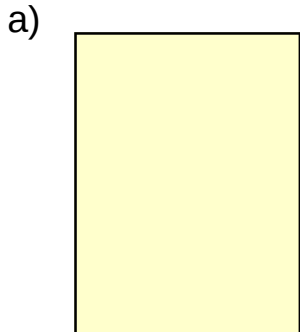
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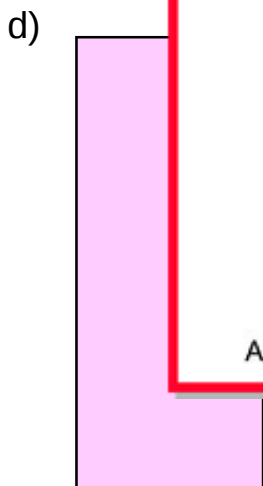
Find the area of each shape:

- Place the square centimetre grid over the shape and count the squares
- Write the area in the shape using the symbol "cm²".



For these shapes:

- Count extra squares





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PREVIEW

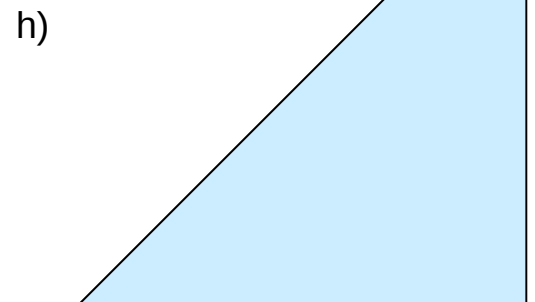
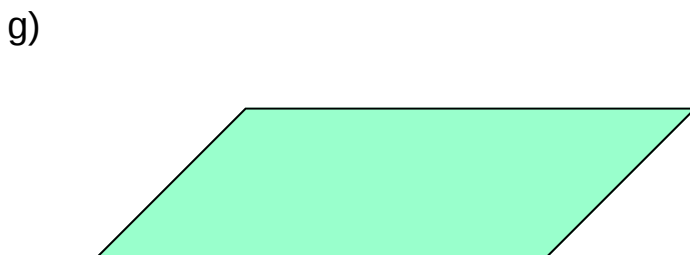
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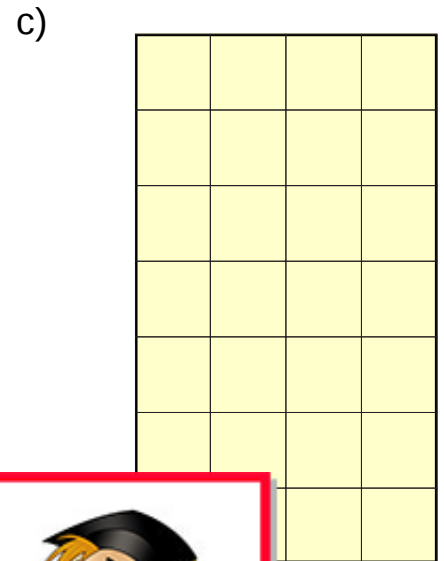
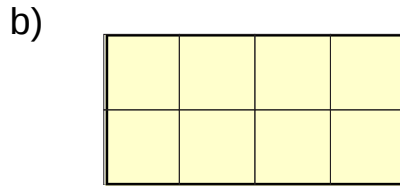
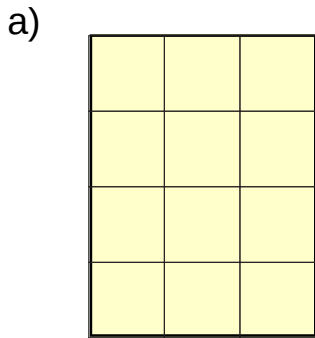
Find the areas of these shapes:

- You will need to take care with counting the partial shapes



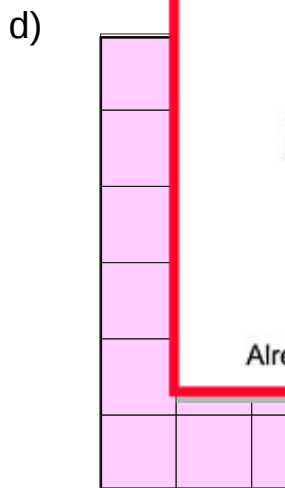
Find the area of each shape:

- Place the square centimetre grid over the shape and count the squares
- Write the area in the shape using the symbol "cm²".



For these shapes:

- Count extra squares

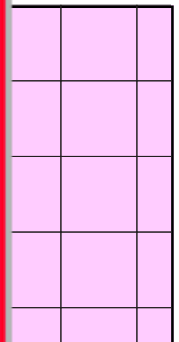




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Find the areas of these shapes:

- You will need to take care with counting the partial shapes

