

Area: On a Grid
Video 43 on www.corbettmaths.com

Examples



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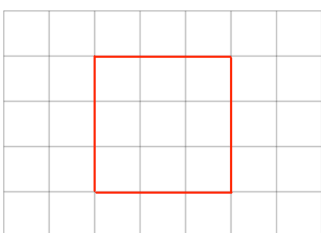


Scan here

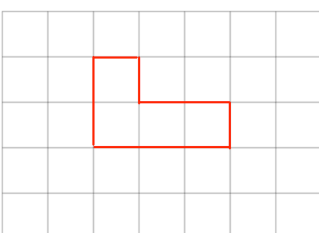
Workout

Question 1: The following shapes are drawn on centimetre-squared paper.
Find the area of each shape.

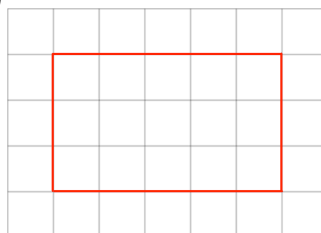
(a)



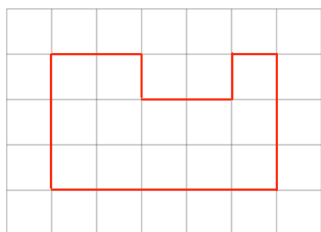
(b)



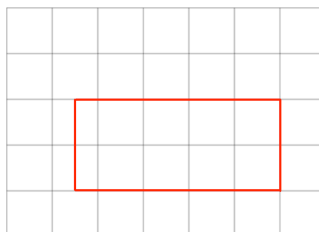
(c)



(d)



(e)

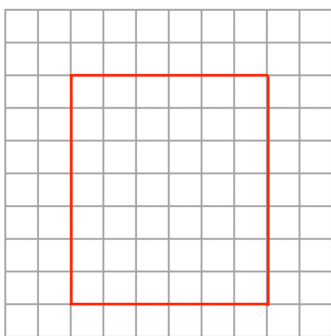


(f)

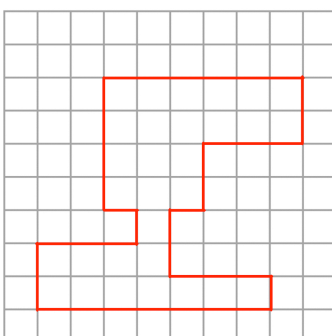


Question 2: The following shapes are drawn on centimetre-squared paper.
Find the area of each shape.

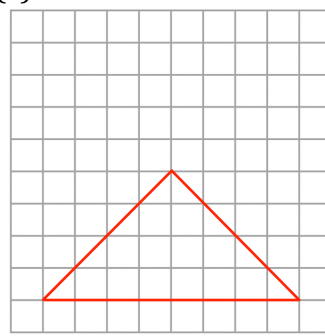
(a)



(b)

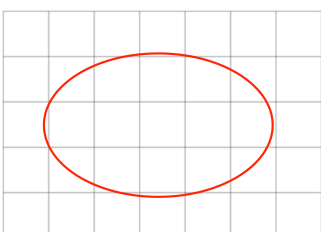


(c)

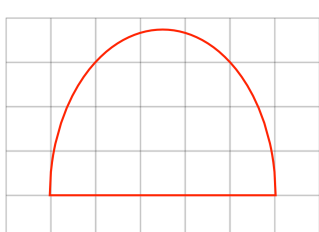


Question 3: The following shapes are drawn on centimetre-squared paper.
Estimate their areas.

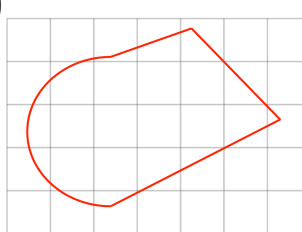
(a)



(b)

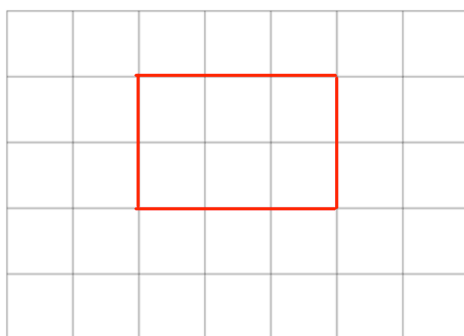


(c)

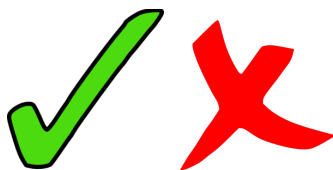


Apply

- Question 1: On centimetre-square paper, draw a rectangle with an area of 10cm^2
- Question 2: On centimetre-square paper, draw three different rectangles with an area of 12cm^2
- Question 3: A square has an area of 25cm^2 .
(a) Draw this square on centimetre-square paper.
(b) Find the perimeter of the square.
- Question 4: A rectangle has an area of 30cm^2 .
(a) Draw two possible rectangles on centimetre-square paper.
(b) Find the perimeter of both rectangles.
- Question 5: A square has a perimeter of 12cm
(a) Draw this square on centimetre-square paper.
(b) Find the area of the square.
- Question 6: Draw a shape that has one line of symmetry and an area of 8cm^2
- Question 7: Draw a shape that has two lines of symmetry and an area of 10cm^2
- Question 8: Jasmine says the area of this shape is 10cm .
Explain her mistake.



Answers



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