

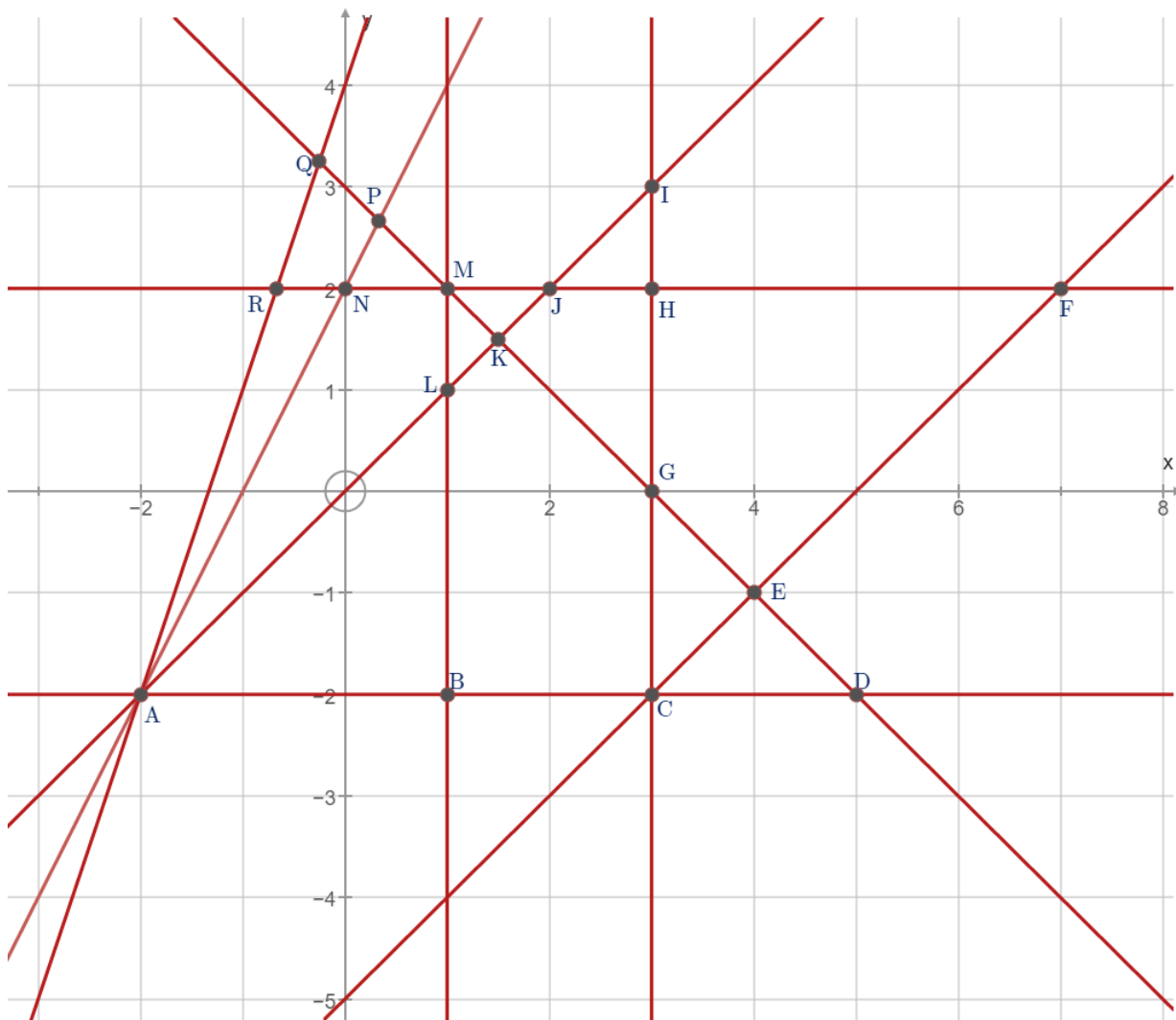
The lines above are drawn on a centimetre grid.

Complete the table with:

- the name of each shape,
- the area of each shape,
- the lettered vertices of each shape,
- the equations of the line segments that form each shape's perimeter.

The first shape in the table has been completed as an example.

	Shape	Area	Vertices	Equations
1	Rectangle	8 cm ²	<i>BCHM</i>	$x = 1$ $x = 3$ $y = -2$ $y = 2$
2	Trapezium		<i>BCGM</i>	
3			<i>CHF</i>	
4	Parallelogram			
5	Isosceles Triangle	9 cm ²		
6			<i>ADK</i>	
7	Trapezium	16 cm ²		
8			<i>ADMR</i>	



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1	Rectangle	8 cm ²	<i>BCHM</i>	$x = 1$ $x = 3$ $y = -2$ $y = 2$
2	Trapezium	6 cm ²	<i>BCGM</i>	$x = 3$ $x = 1$ $y = 2$ $y = 3 - x$
3	Isosceles Triangle	8 cm ²	<i>CHF</i>	$x = 3$ $y = 2$ $y = x - 5$
4	Parallelogram	20 cm ²	<i>ACFJ</i>	$y = x$ $y = x - 5$ $y = 2$ $y = -2$
5	Isosceles Triangle	9 cm ²	<i>EFM</i>	$y = x - 5$ $y = 3 - x$ $y = 2$
6	Isosceles Triangle	12.25 cm ²	<i>ADK</i>	$y = x$ $y = 3 - x$ $y = -2$
7	Trapezium	16 cm ²	<i>ACHN</i> or <i>BCFM</i>	
8	Trapezium	17 $\frac{1}{3}$ cm ²	<i>ADMR</i>	$y = 3x + 4$ $y = x - 3$ $y = 2$ $y = -2$

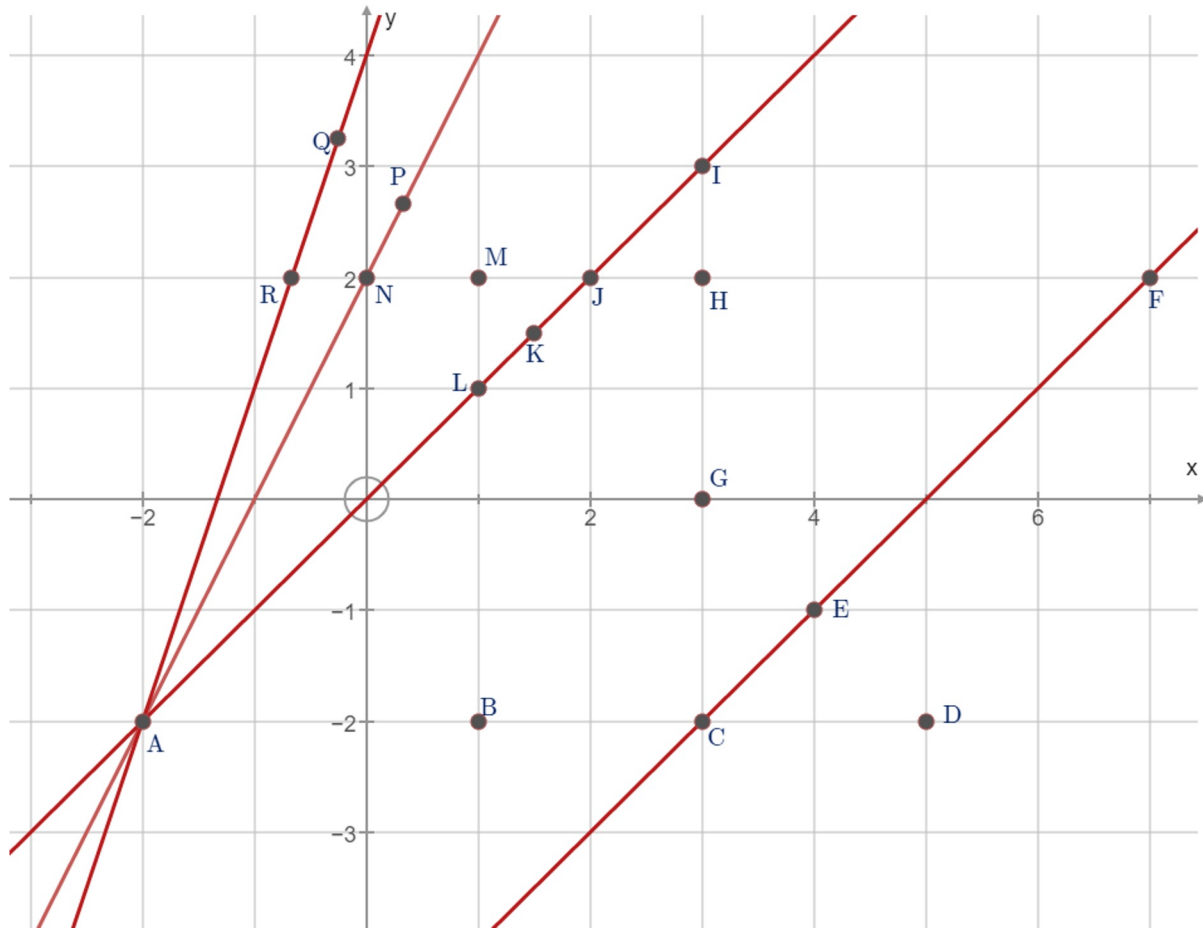
Solutions

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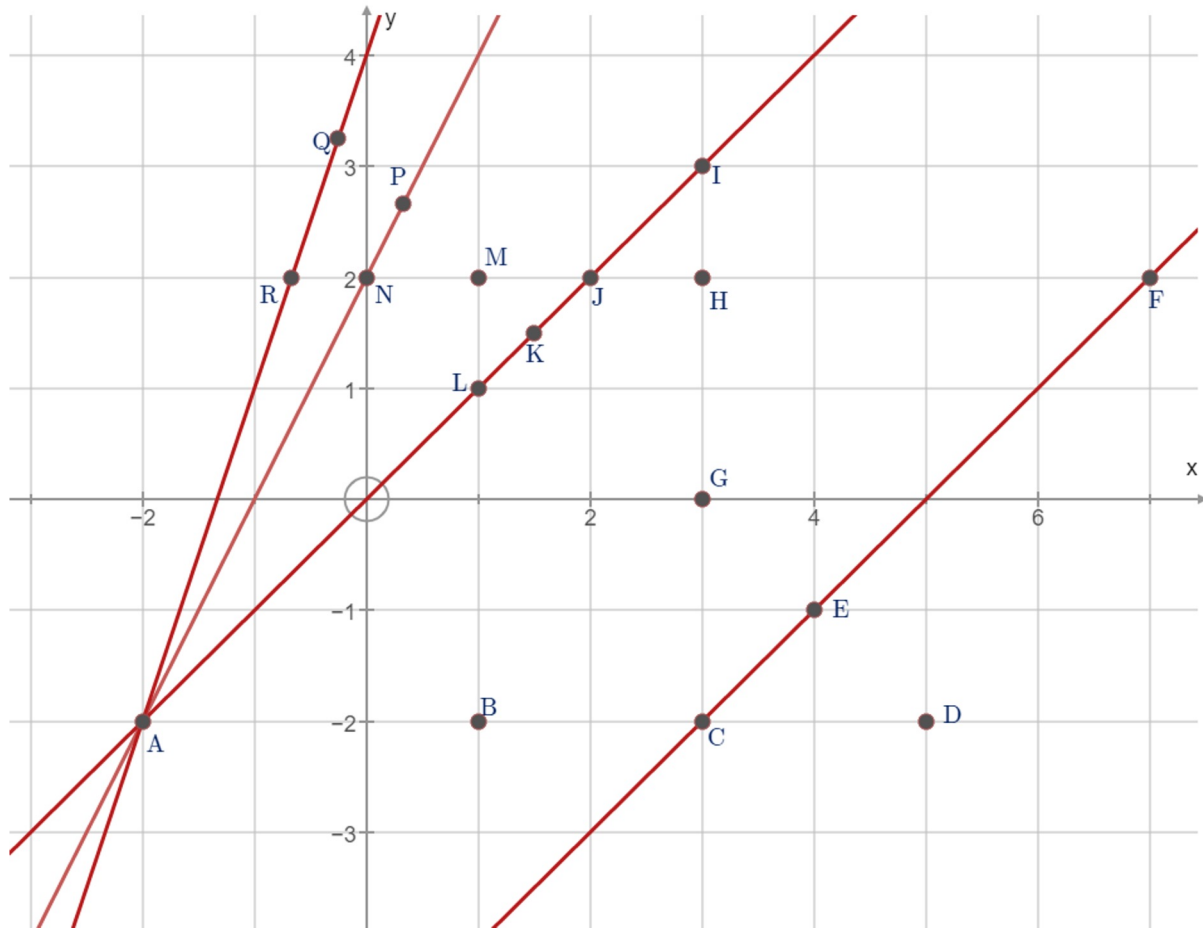
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