

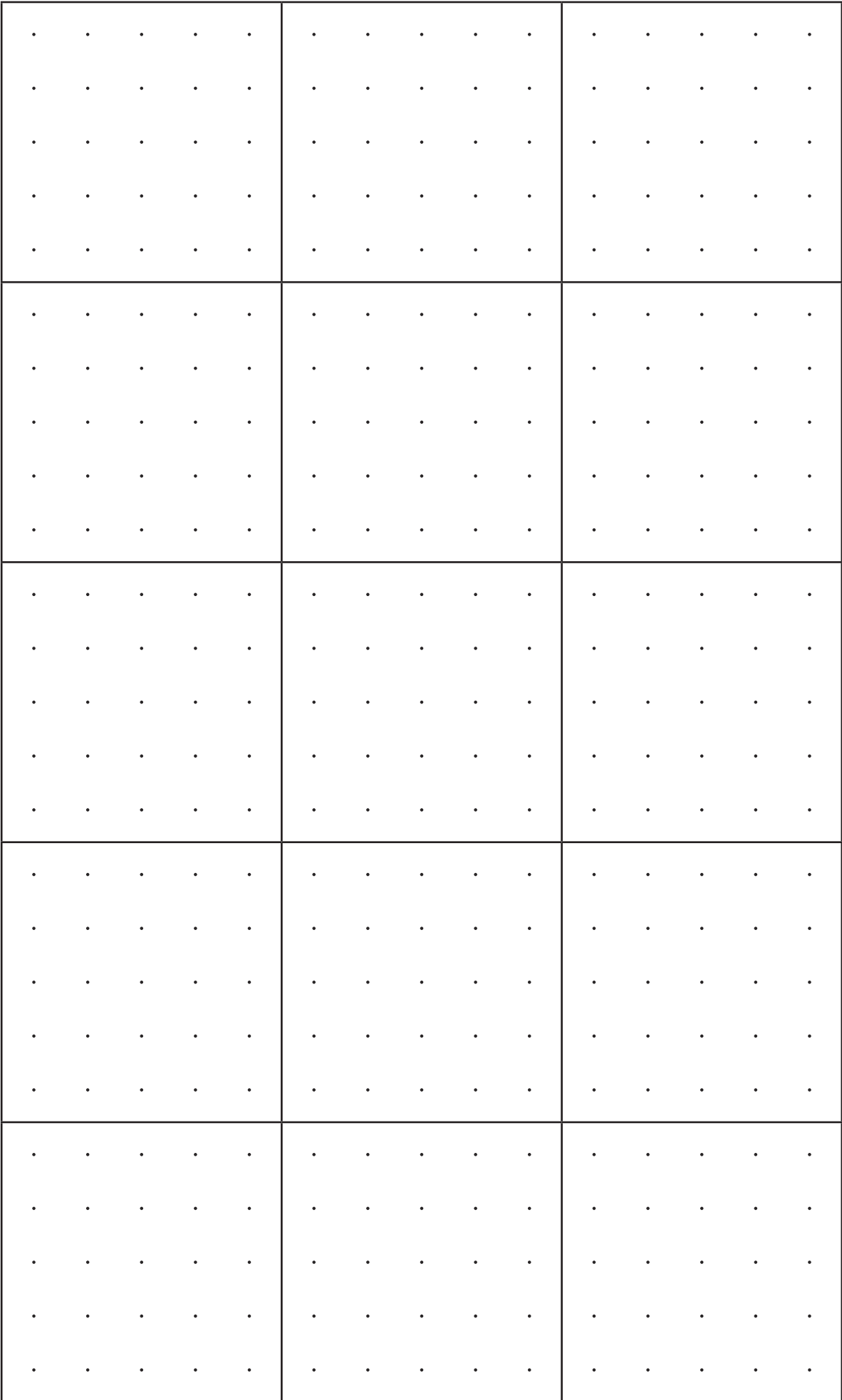
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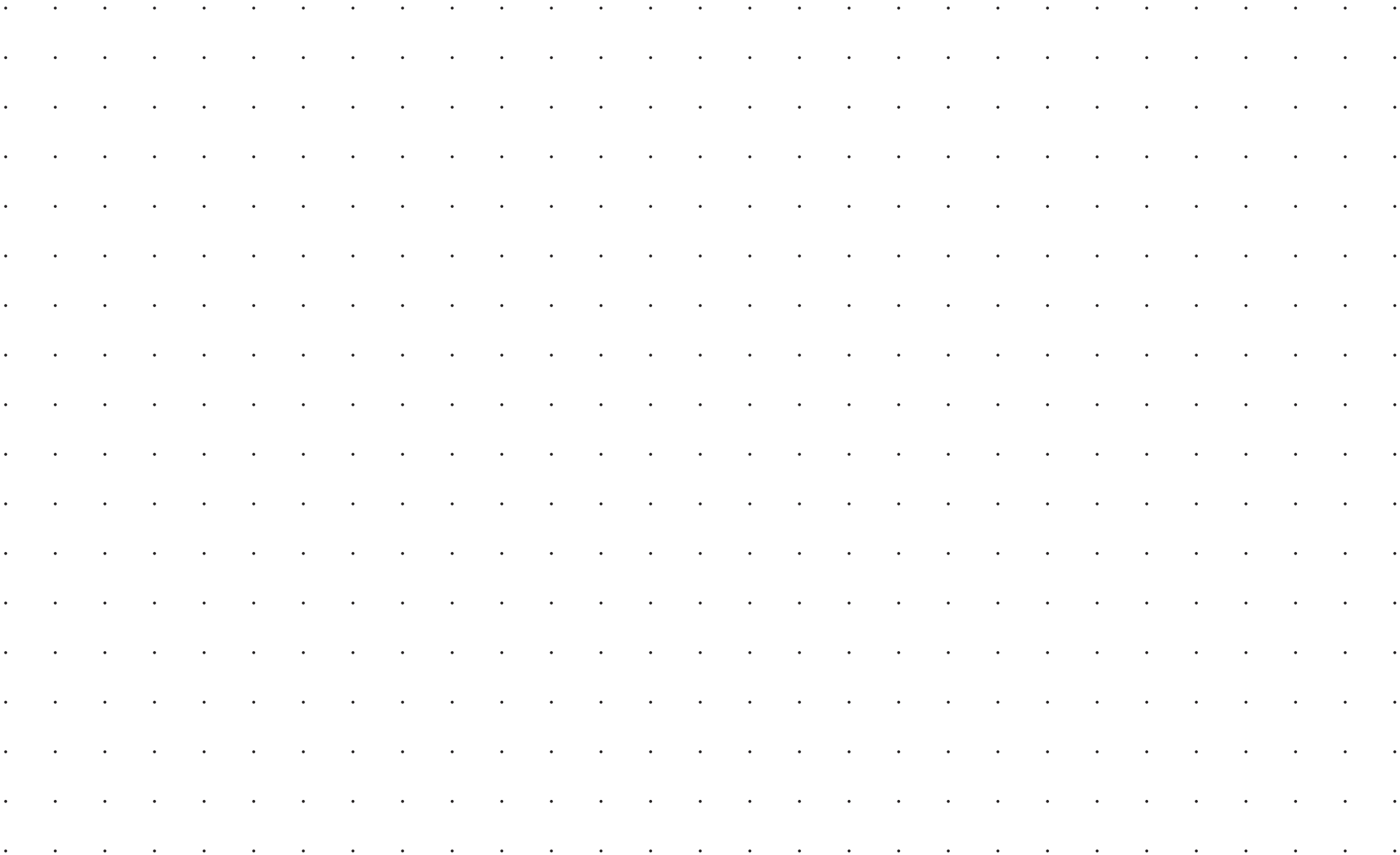


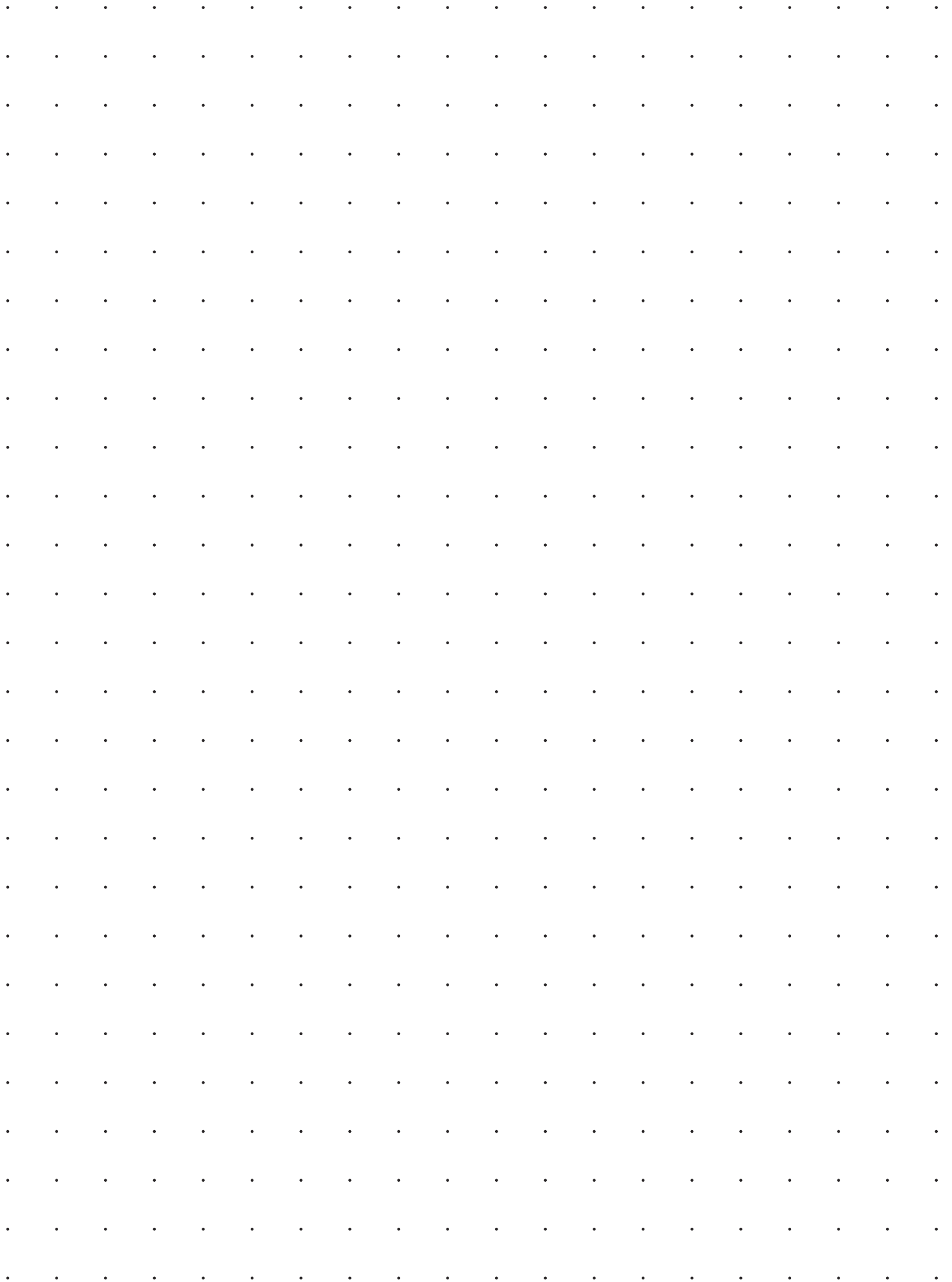




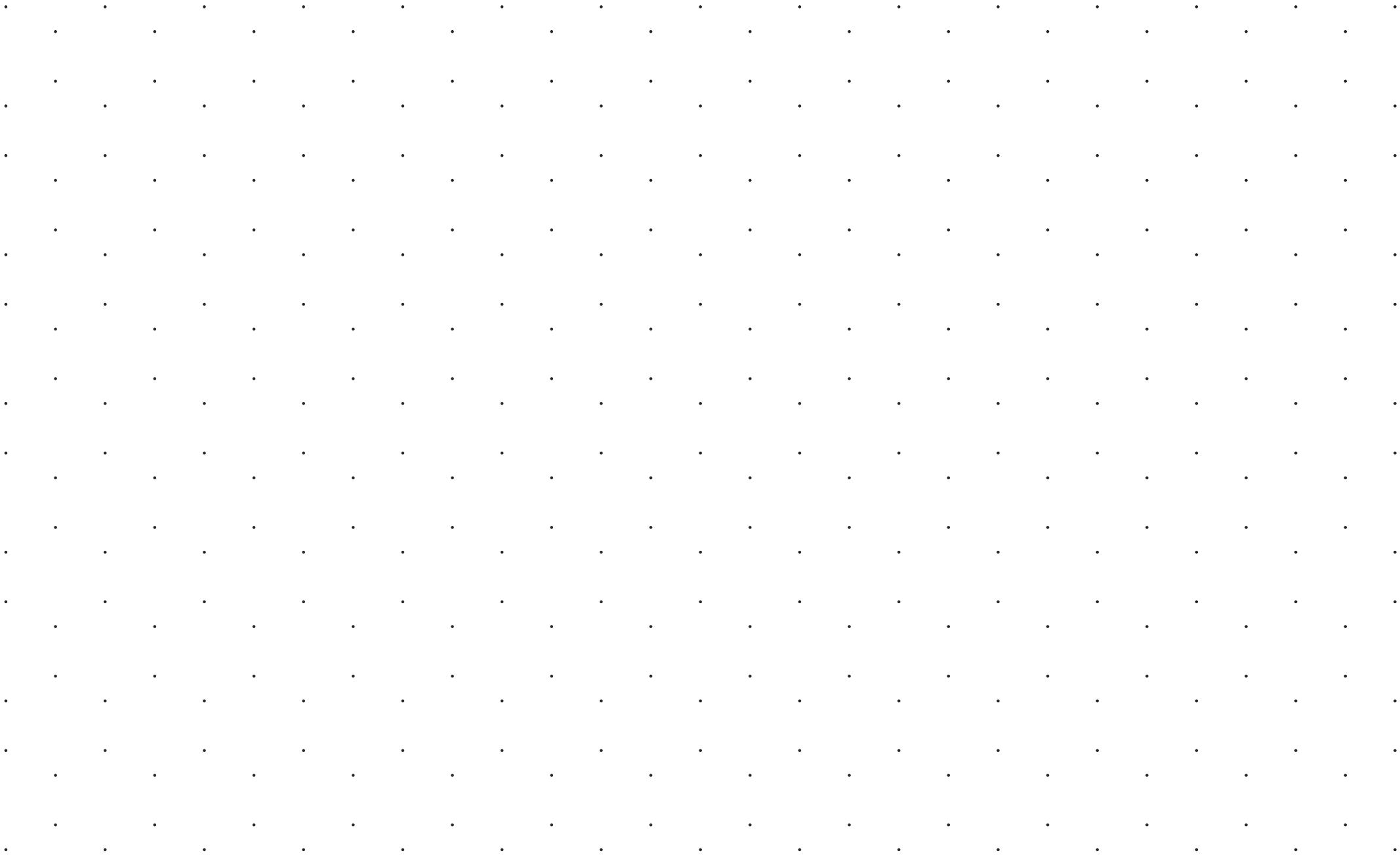


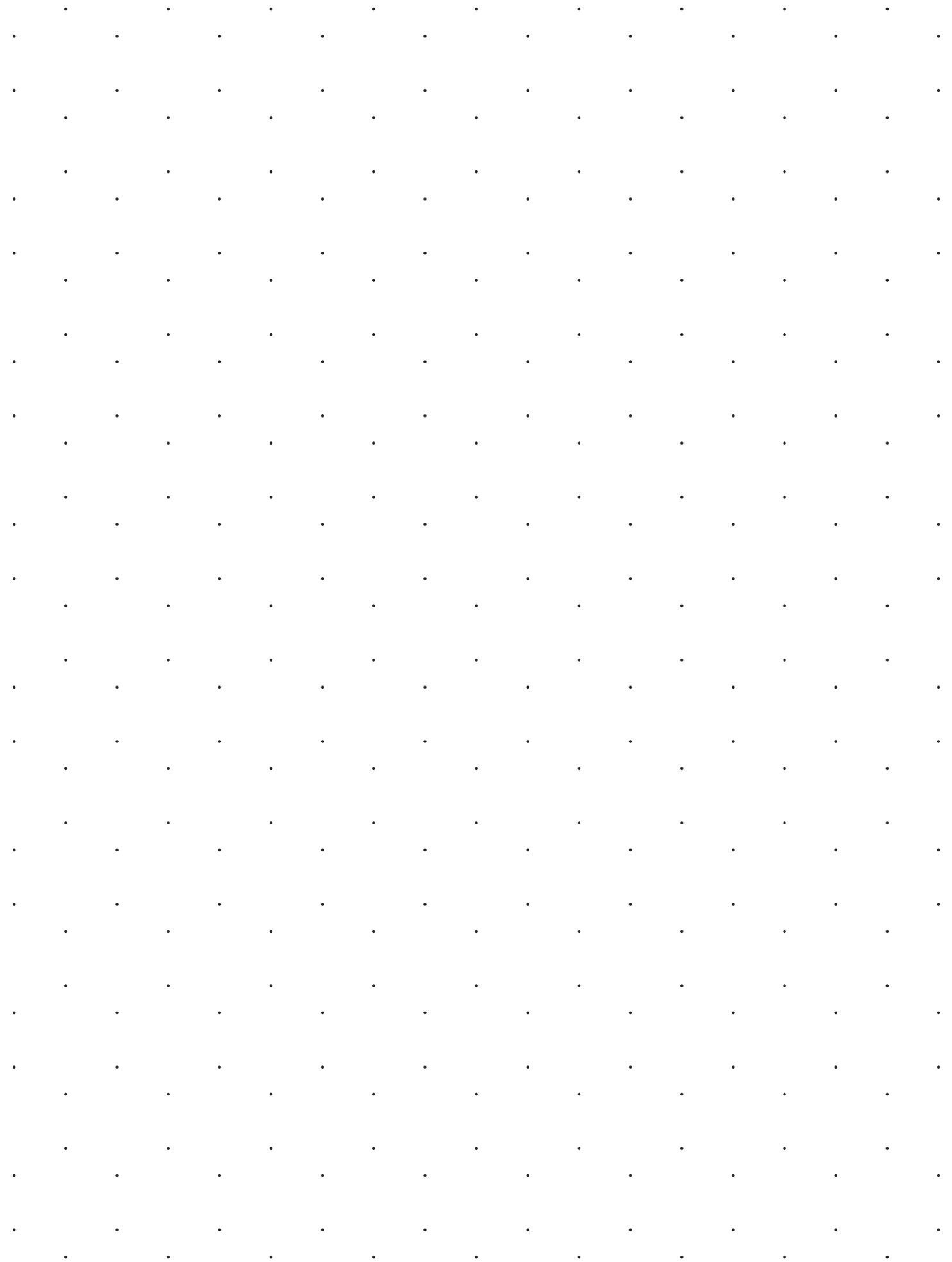


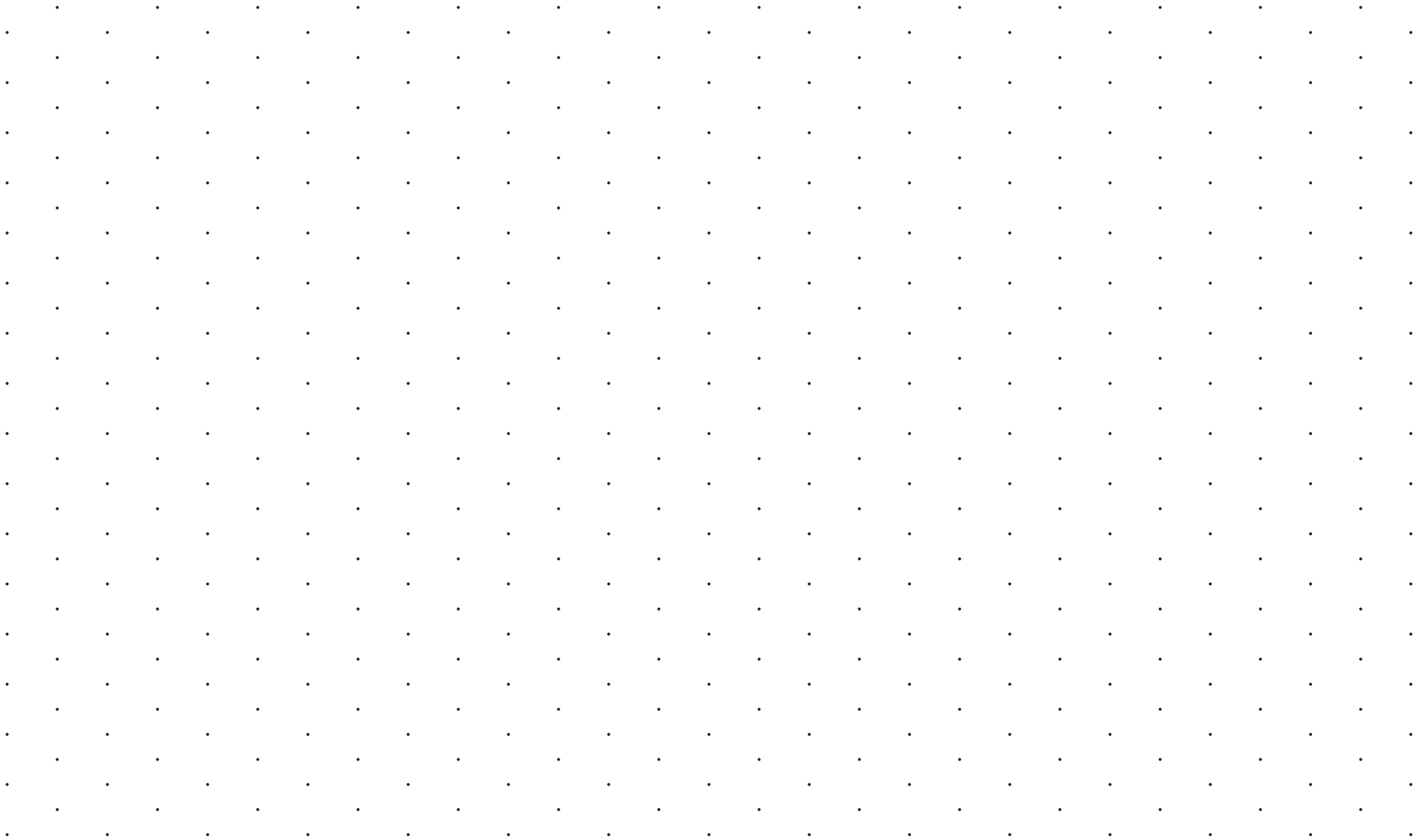


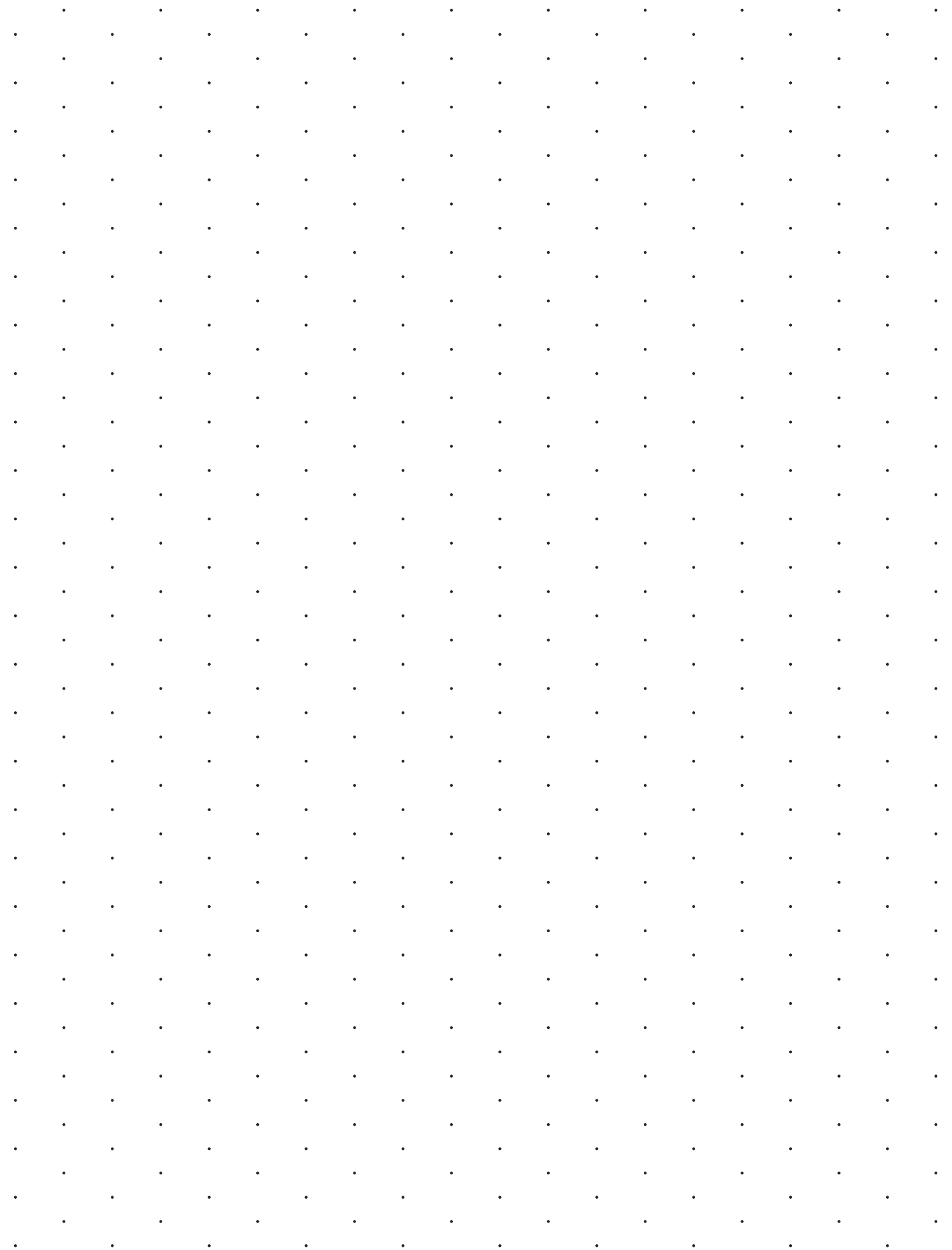


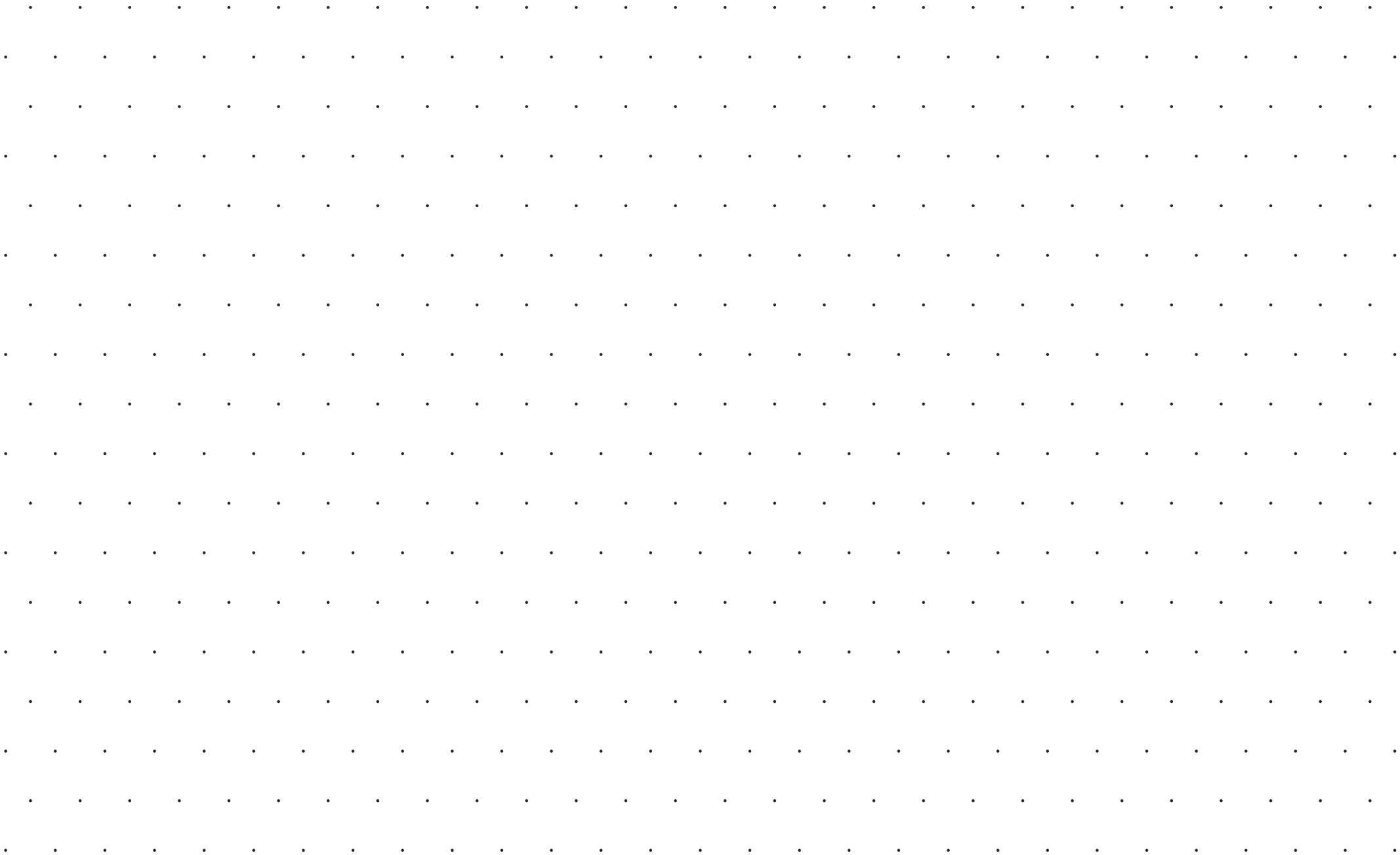
























# Quadrilaterals



Shape	Name	Properties
	<b>Rectangle</b>	<b>Angles:</b>  <b>Sides:</b>  <b>Symmetrical?</b>
	<b>Square</b>	<b>Angles:</b>  <b>Sides:</b>  <b>Symmetrical?</b>
	<b>Rhombus</b>	<b>Angles:</b>  <b>Sides:</b>  <b>Symmetrical?</b>
	<b>Parallelogram</b>	<b>Angles:</b>  <b>Sides:</b>  <b>Symmetrical?</b>

Shape	Name	Properties
	<b>Trapezium</b>	<b>Angles:</b>  <b>Sides:</b>  <b>Symmetrical?</b>
	<b>Kite</b>	<b>Angles:</b>  <b>Sides:</b>  <b>Symmetrical?</b>









# Quadrilaterals **Answers**

Shape	Name	Properties
	<b>Rectangle</b>	<p><b>Angles:</b> All angles are right angles.</p> <p><b>Sides:</b> Opposite sides are parallel. Opposite sides are equal length.</p> <p><b>Symmetrical?</b> Yes. Two lines of symmetry.</p>
	<b>Square</b>	<p><b>Angles:</b> All angles are right angles.</p> <p><b>Sides:</b> Opposite sides are parallel. All sides are equal length.</p> <p><b>Symmetrical?</b> Yes. Four lines of symmetry.</p>
	<b>Rhombus</b>	<p><b>Angles:</b> Opposite angles are equal.</p> <p><b>Sides:</b> All sides are equal length.</p> <p><b>Symmetrical?</b> Yes. Two lines of symmetry.</p>
	<b>Parallelogram</b>	<p><b>Angles:</b> Opposite angles are equal.</p> <p><b>Sides:</b> Opposite sides are parallel. Opposite sides are equal in length.</p> <p><b>Symmetrical?</b> Only if a square or a rectangle.</p>





Shape	Name	Properties
	<b>Trapezium</b>	<p><b>Angles:</b> Angles add up to <math>360^\circ</math>.</p> <p><b>Sides:</b> One pair of opposite sides are parallel.</p> <p><b>Symmetrical?</b> Only if it is an isosceles trapezium (both angles at the end of parallel line are equal).</p>
	<b>Kite</b>	<p><b>Angles:</b> One pair of equal angles.</p> <p><b>Sides:</b> Two pairs of adjacent sides are equal in length.</p> <p><b>Symmetrical?</b> Yes. One line of symmetry.</p>



# Quadrilaterals

Shape	Name	Properties
	<b>Rectangle</b>	Angles:  Sides:  Symmetrical?
	<b>Square</b>	Angles:  Sides:  Symmetrical?
	<b>Rhombus</b>	Angles:  Sides:  Symmetrical?
	<b>Parallelogram</b>	Angles:  Sides:  Symmetrical?

Shape	Name	Properties
	<b>Trapezium</b>	<p>Angles:</p> <p>Sides:</p> <p>Symmetrical?</p>
	<b>Kite</b>	<p>Angles:</p> <p>Sides:</p> <p>Symmetrical?</p>

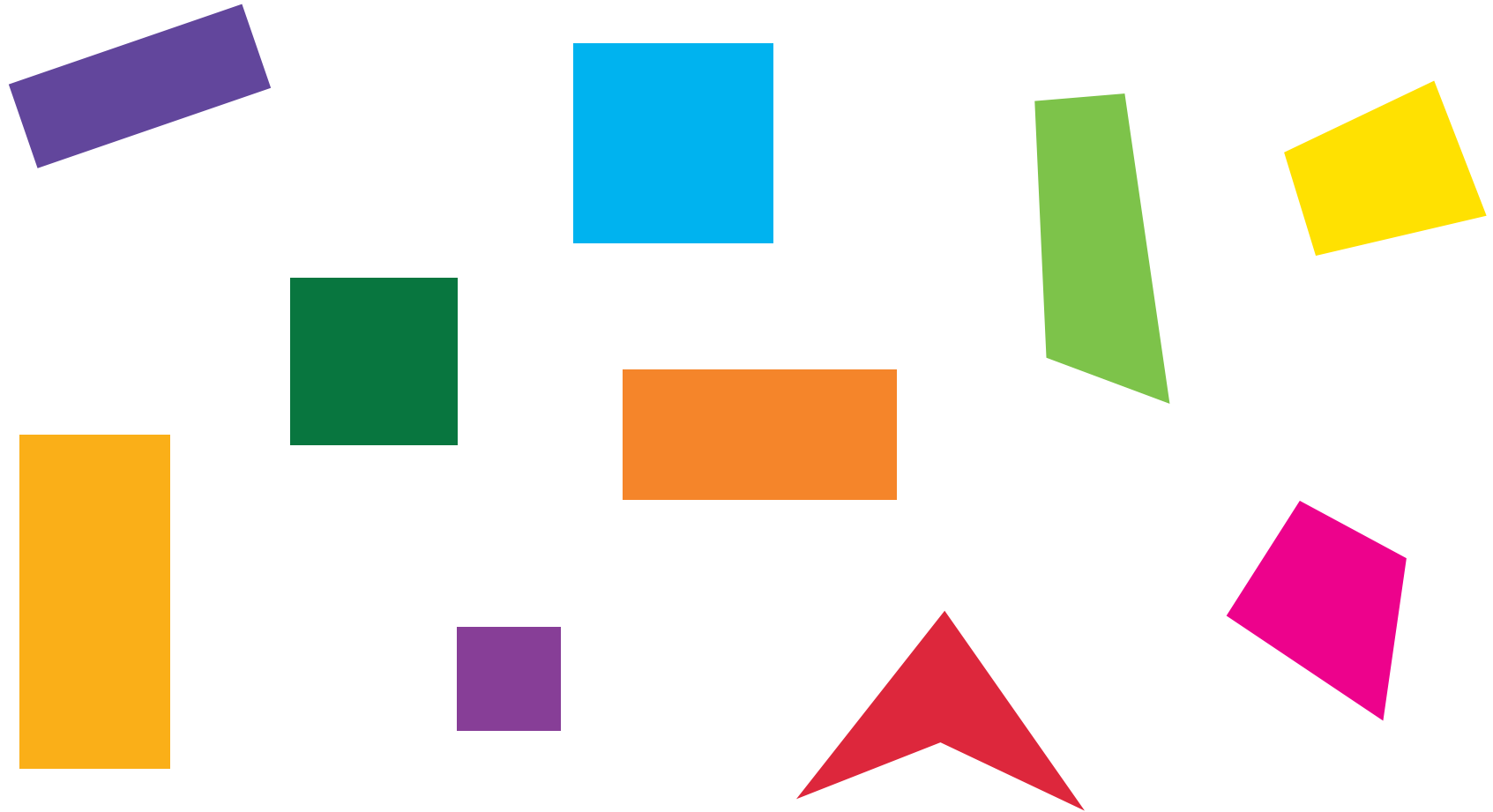
# Quadrilaterals **Answers**

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Shape	Name	Properties
	<b>Trapezium</b>	<p><b>Angles:</b> Angles add up to 360°.</p> <p><b>Sides:</b> One pair of opposite sides are parallel.</p> <p><b>Symmetrical?</b> Only if it is an isosceles trapezium (both angles at the end of parallel line are equal).</p>
	<b>Kite</b>	<p><b>Angles:</b> One pair of equal angles.</p> <p><b>Sides:</b> Two pairs of adjacent sides are equal in length.</p> <p><b>Symmetrical?</b> Yes. One line of symmetry.</p>

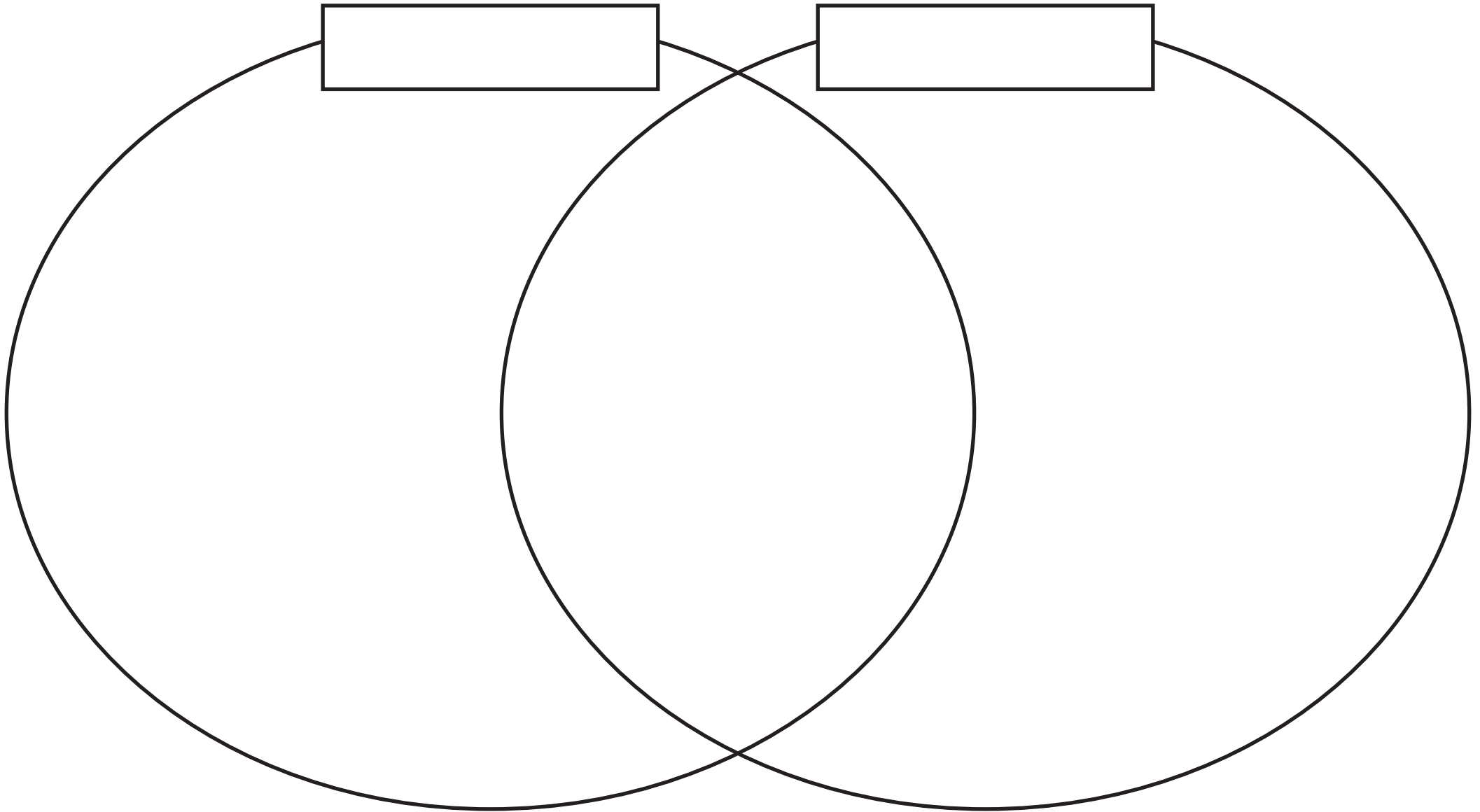
# Sorting Quadrilaterals

Cut out the quadrilaterals. Choose two groups and sort them using the Venn diagram.



# Sorting Quadrilaterals

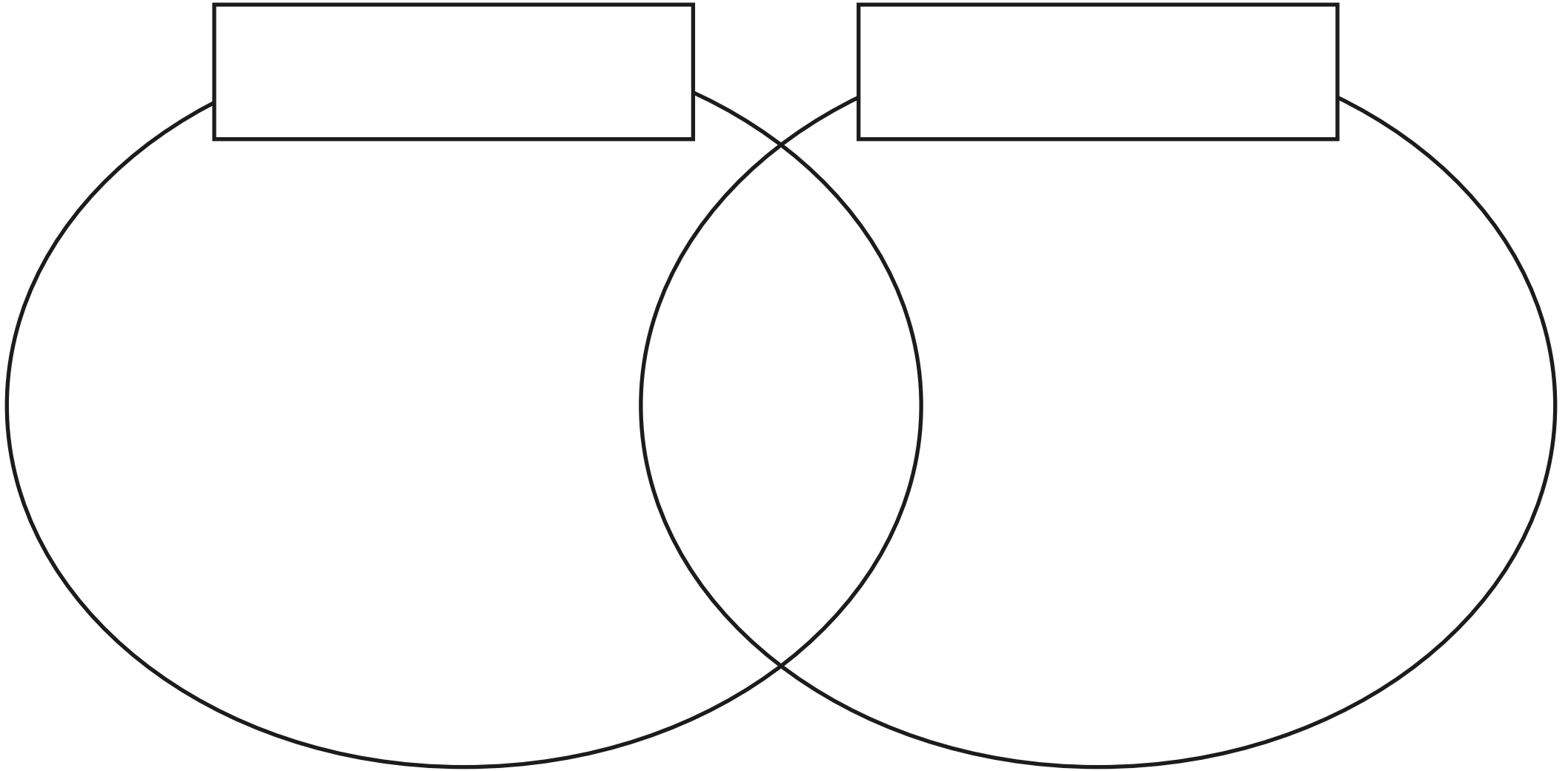
Cut out the quadrilaterals. Choose two groups and sort them using the Venn diagram.





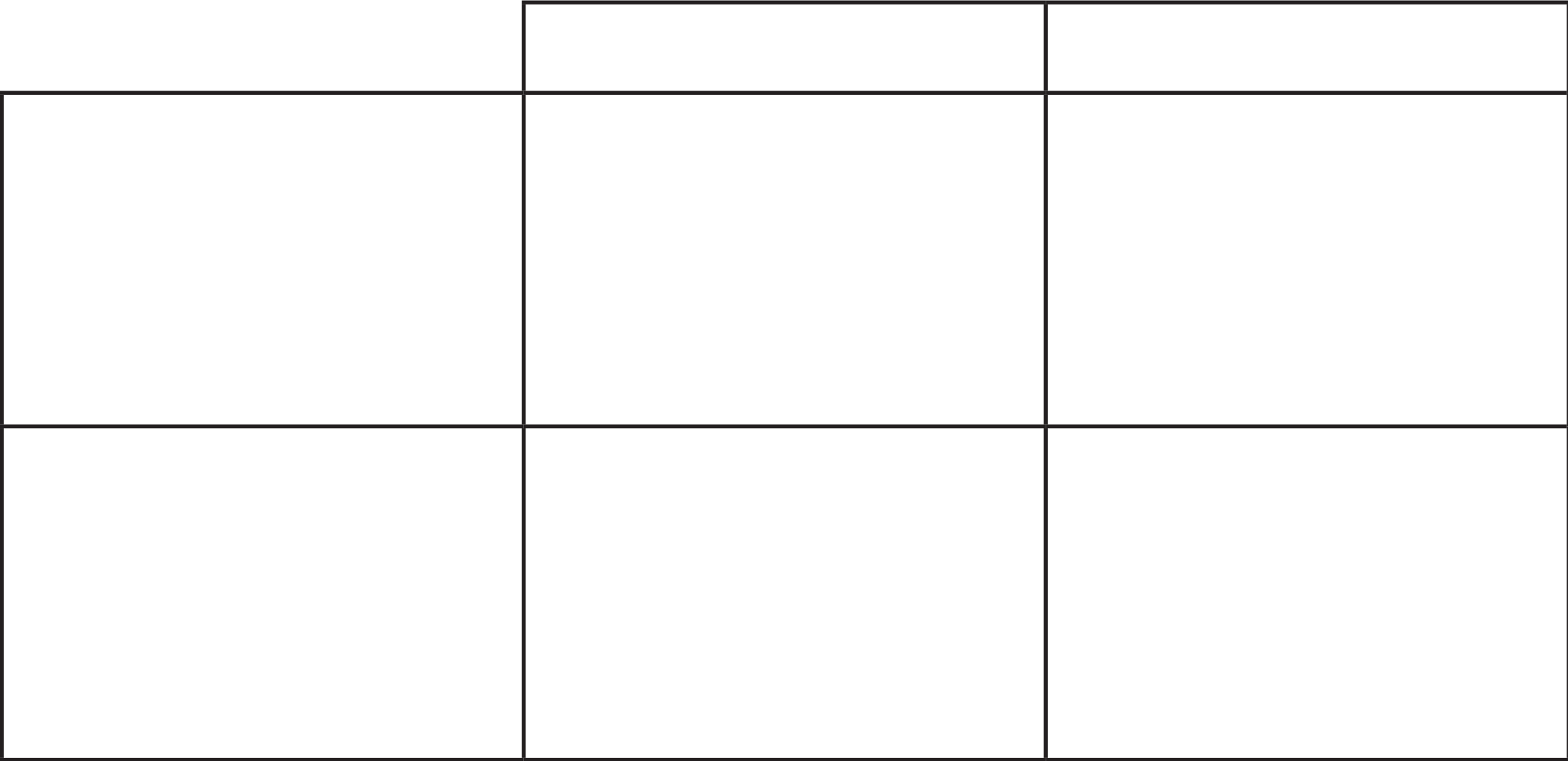
# Venn Diagram

Choose 10 shapes. Now choose what types of groups to have in your Venn diagram. Put them in the correct place.



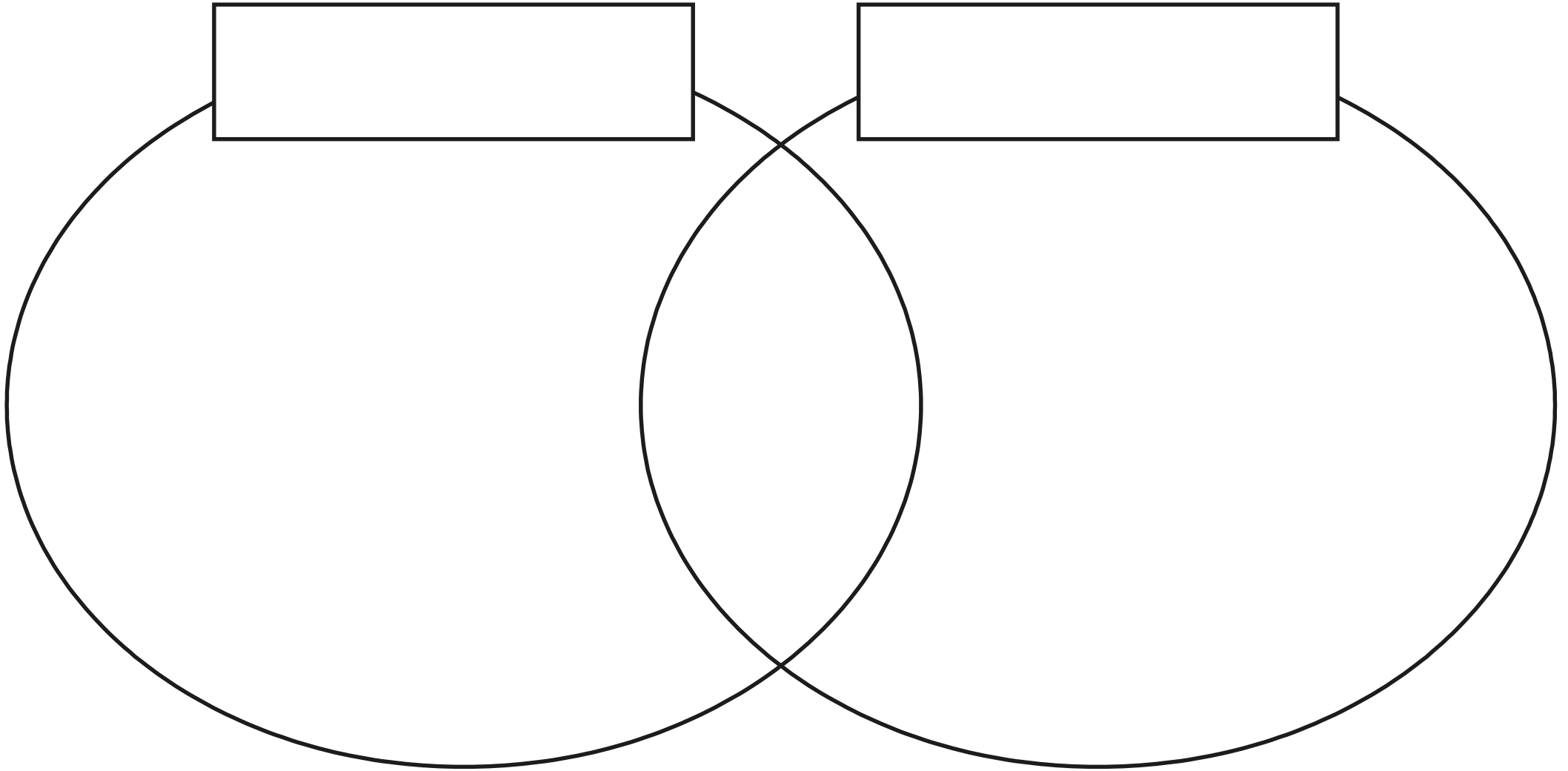
# Carroll Diagram

Choose 10 shapes. Now choose what types of groups to have in your Carroll diagram. Put them in the correct place.



# Venn Diagram

Choose 10 shapes. Now choose what types of groups to have in your Venn diagram. Put them in the correct place.



# Carroll Diagram

Choose 10 shapes. Now choose what types of groups to have in your Carroll diagram. Put them in the correct place.

