

This hexagon can be made with **14 green triangles.**

Is it possible to make this hexagon using only **blue rhombi**?

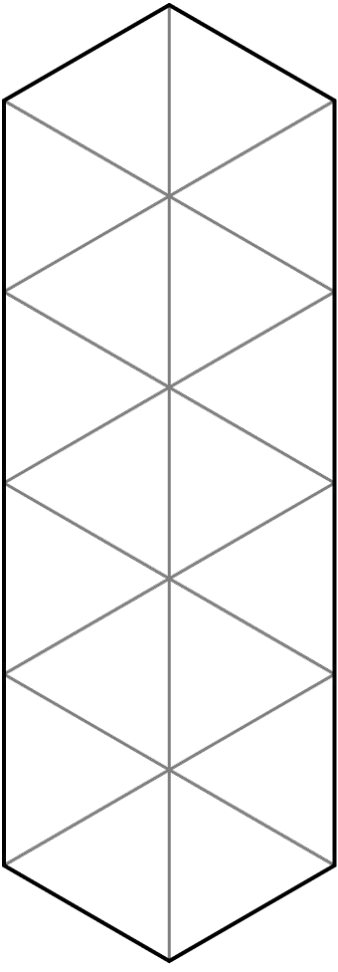
Yes No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **18 green triangles.**

Is it possible to make this hexagon using only **blue rhombi**?

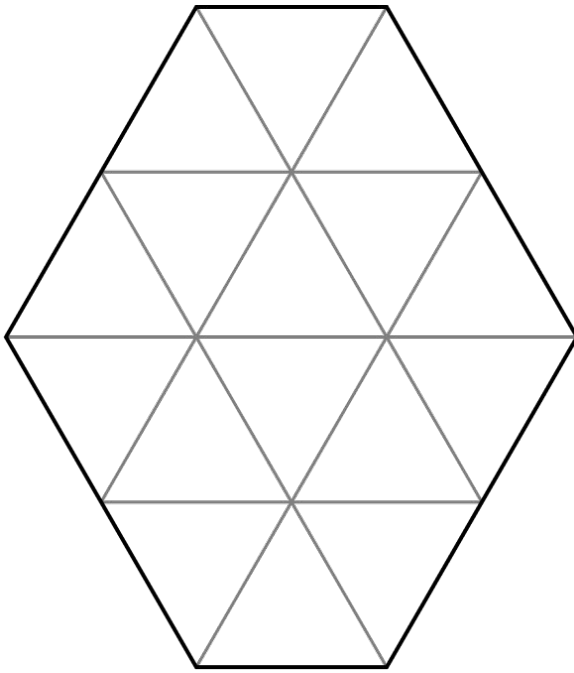
Yes No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **16 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

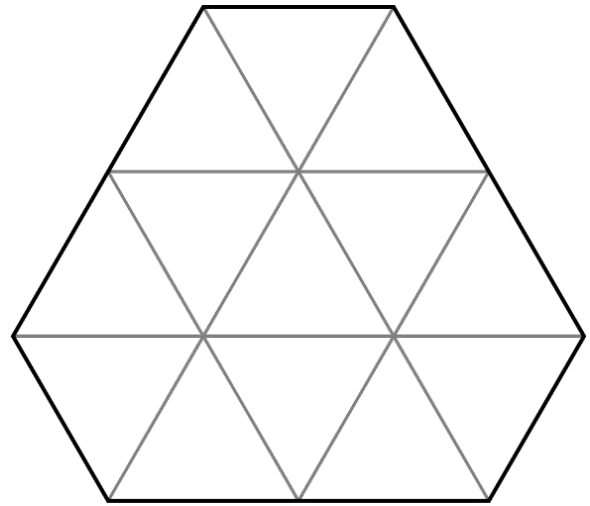
Yes                      No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes                      No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **13 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

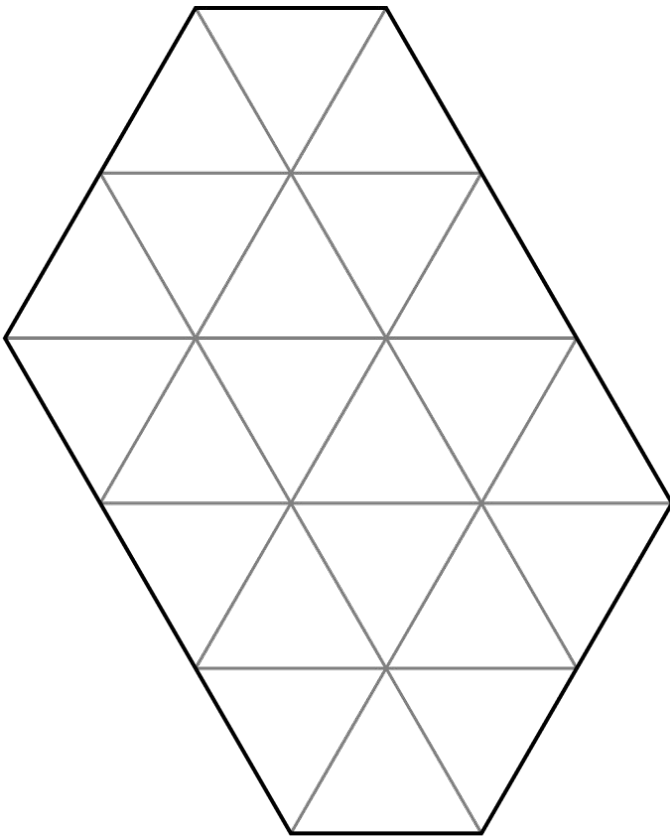
Yes                      No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes                      No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **22 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

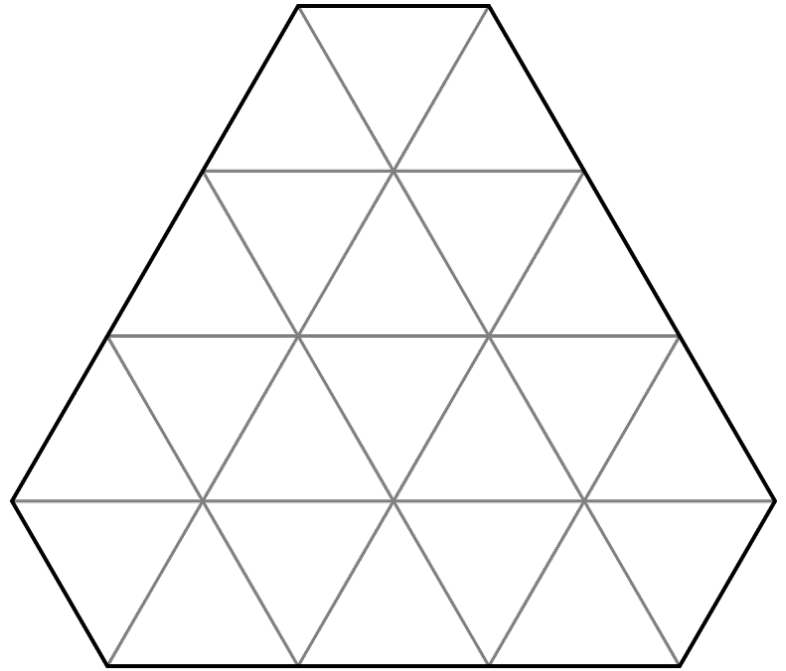
Yes                      No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes                      No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **22 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

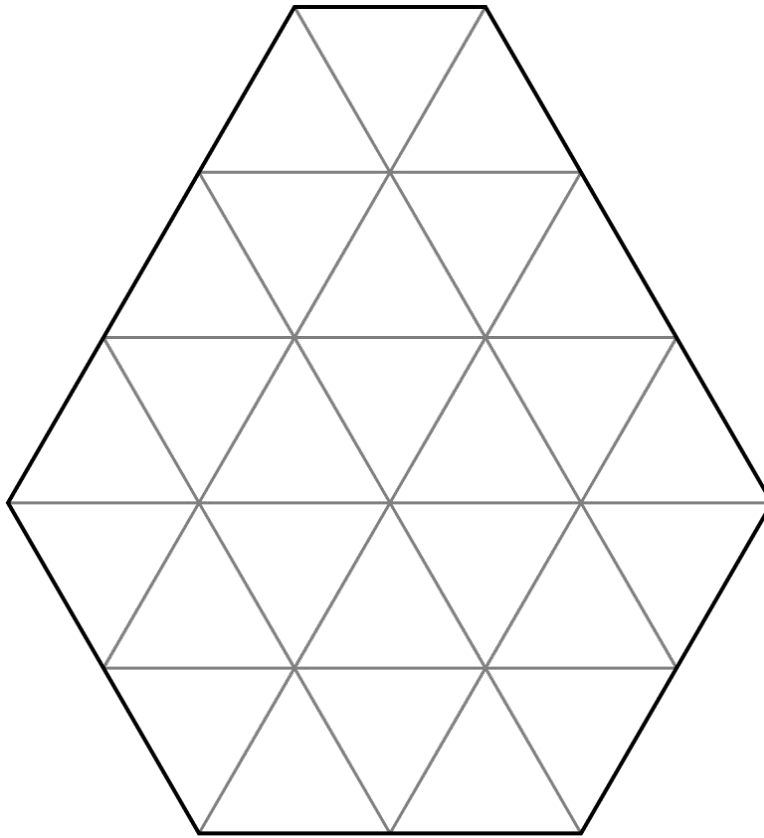
Yes                      No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes                      No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **27 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

Yes

No

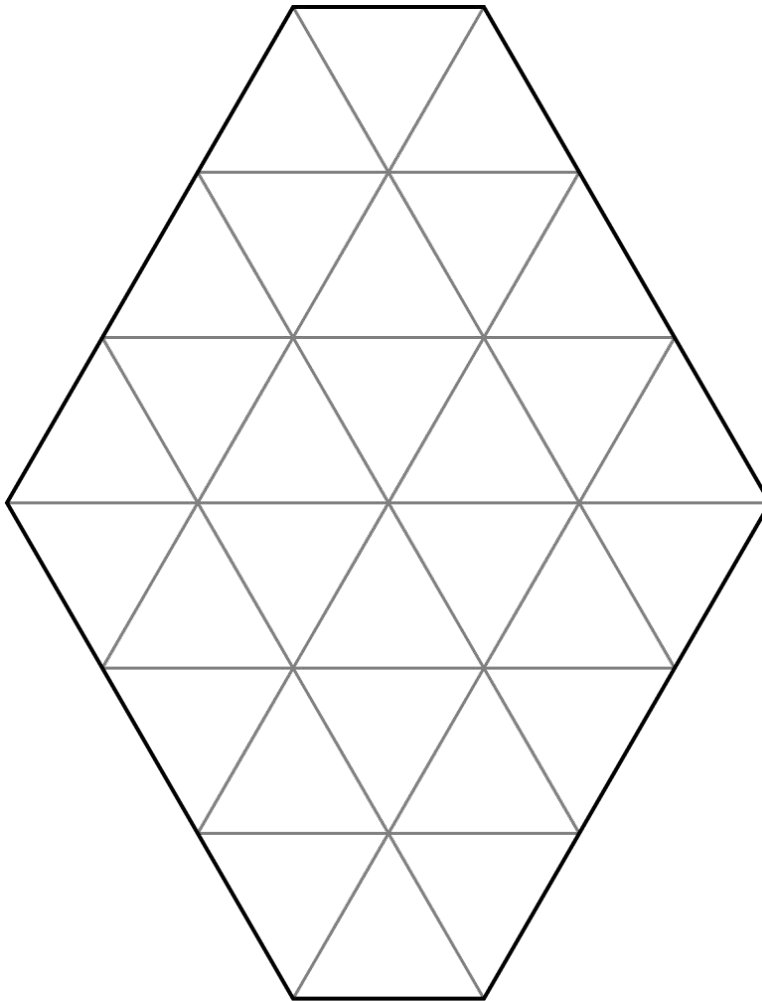
If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes

No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **30 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

Yes

No

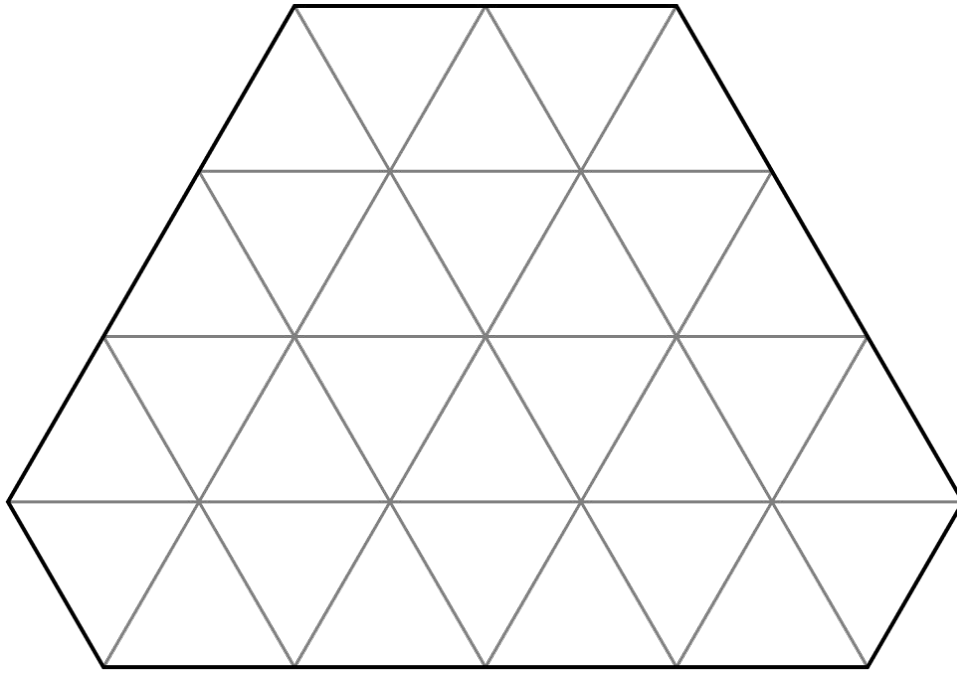
If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes

No

If so, how many red trapezoids do you need to use?



This hexagon can be made with **30 green triangles**.

Is it possible to make this hexagon using only **blue rhombi**?

Yes

No

If so, how many blue rhombi do you need to use?

Is it possible to make this hexagon using only **red trapezoids**?

Yes

No

If so, how many red trapezoids do you need to use?