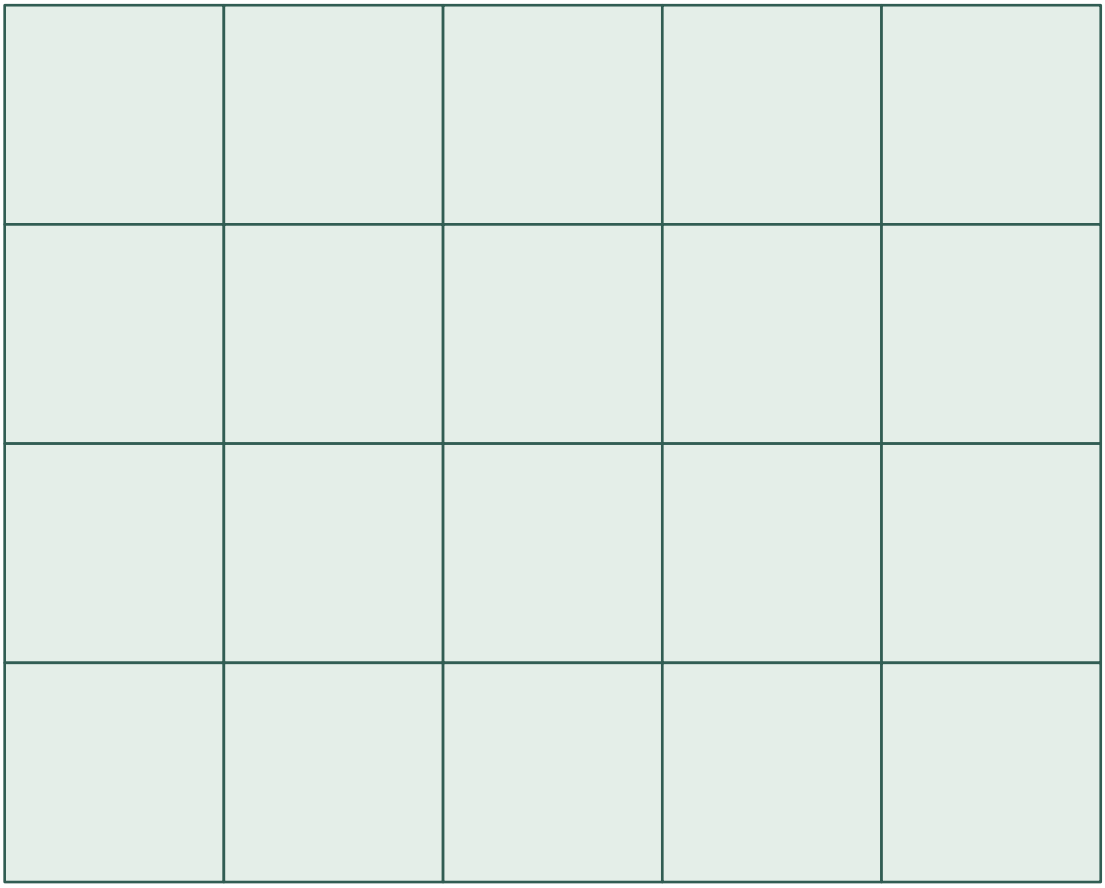
Square repeat

Repeat a regular square tile of side 3 units.

Continue the starter pattern in the space below. Use matching edges with no gaps or overlaps.

ANSWER / worked construction



Repeat a regular square tile of side 3 units.

At an interior grid vertex: 4 x 90 = 360 degrees.

The answer shows one valid continuation; translations and equivalent colourings are also valid.

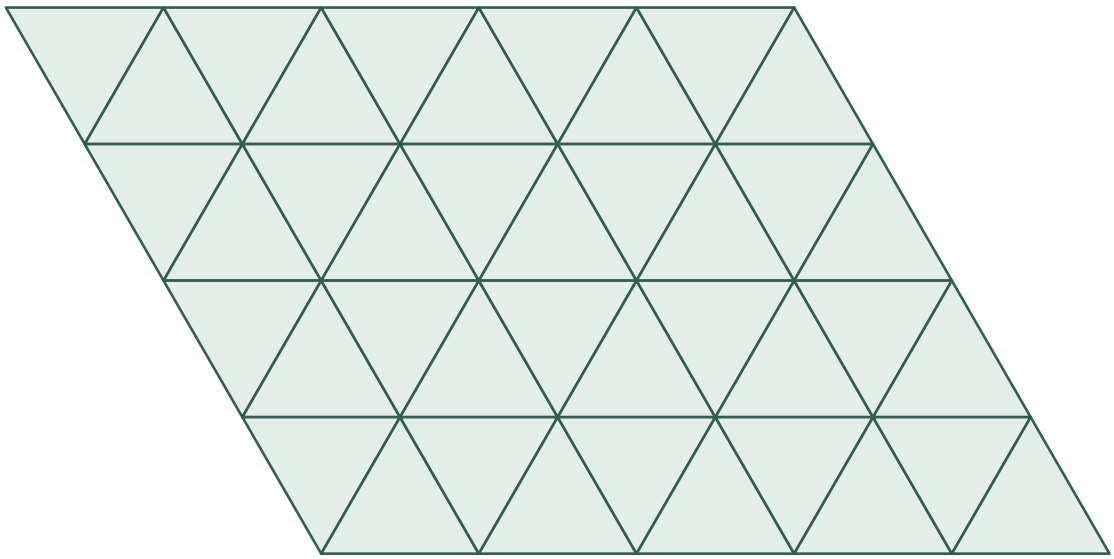
Zumola / CC BY 4.0 / Free to print, share and adapt with attribution

Triangle repeat

Repeat a regular triangle tile of side 1 units.

Continue the starter pattern in the space below. Use matching edges with no gaps or overlaps.

ANSWER / worked construction



Repeat a regular triangle tile of side 1 units.

At an interior grid vertex: 6 x 60 = 360 degrees.

The answer shows one valid continuation; translations and equivalent colourings are also valid.

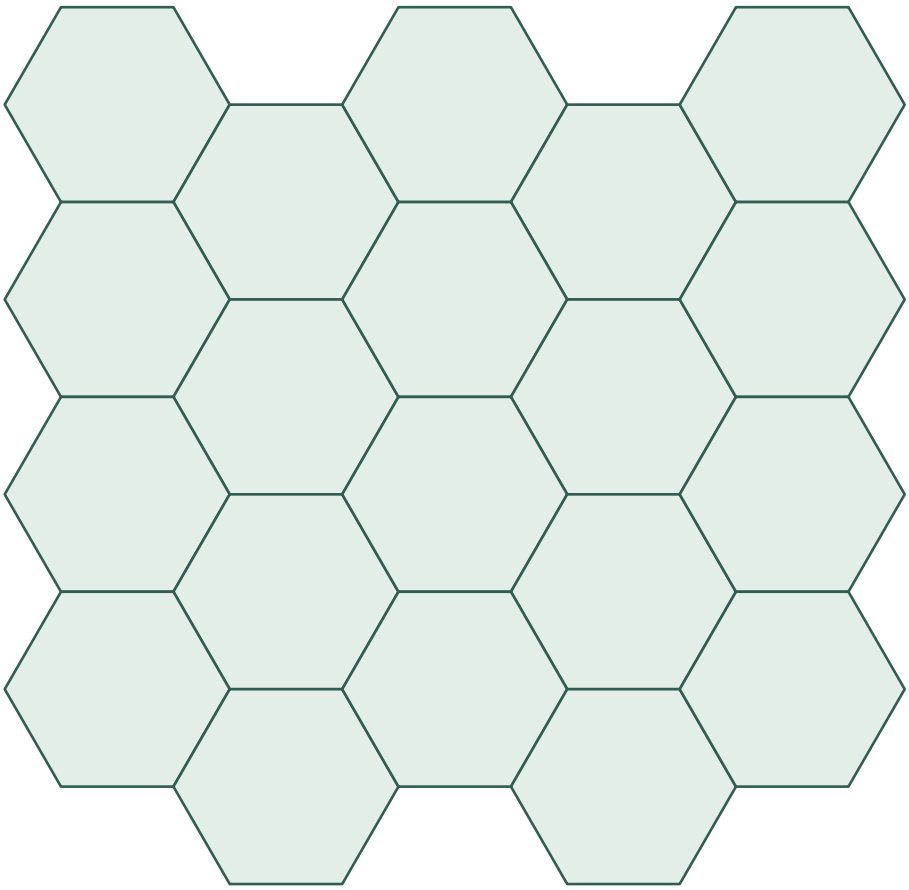
Zumola / CC BY 4.0 / Free to print, share and adapt with attribution

Hexagon repeat

Repeat a regular hexagon tile of side 3 units.

Continue the starter pattern in the space below. Use matching edges with no gaps or overlaps.

ANSWER / worked construction



Repeat a regular hexagon tile of side 3 units.

At an interior grid vertex: 3 x 120 = 360 degrees.

The answer shows one valid continuation; translations and equivalent colourings are also valid.

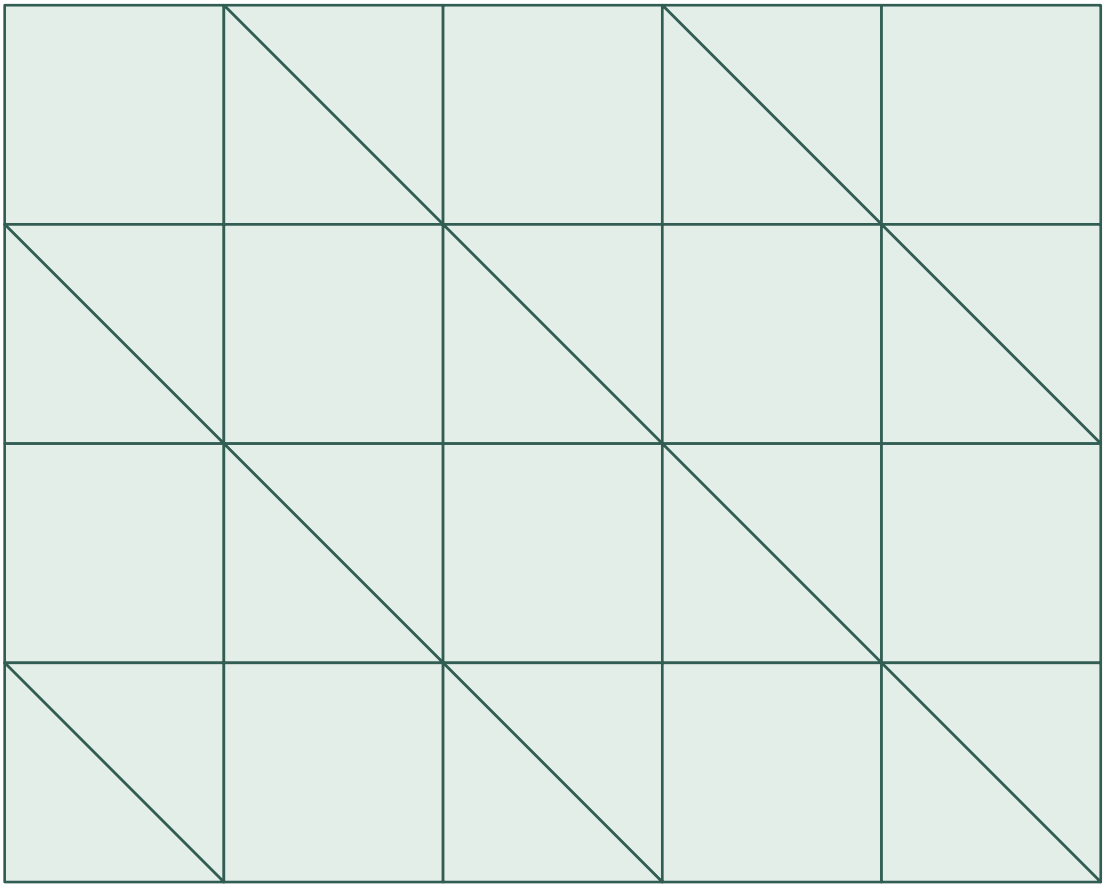
Zumola / CC BY 4.0 / Free to print, share and adapt with attribution

Squares and split-square triangles

Alternate square cells with cells split diagonally into two right triangles.

Continue the starter pattern in the space below. Use matching edges with no gaps or overlaps.

ANSWER / worked construction



Alternate square cells with cells split diagonally into two right triangles.

At a split interior grid vertex: 90 + 90 + 45 + 45 + 45 + 45 = 360 degrees.

The answer shows one valid continuation; translations and equivalent colourings are also valid.

Zumola / CC BY 4.0 / Free to print, share and adapt with attribution