

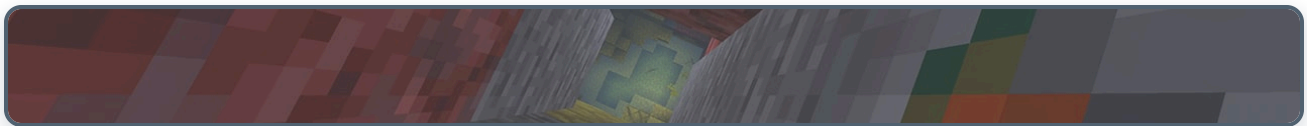


Steve's Big Dig

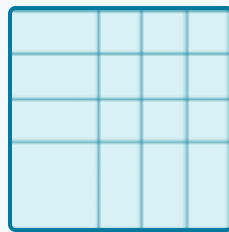
**COMPLETE TO COLLECT****White Opal**

Level 2 · 3 Glints

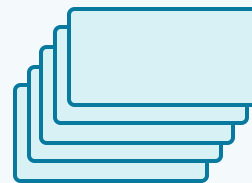
In Minecraft, Steve digs a cube-shaped hole. The hole is **5 blocks long**, **5 blocks wide**, and **5 blocks deep**.



One horizontal layer

 5×5 blocks

×



5 equal layers

Think about the hole as equal horizontal layers.

YOUR CHALLENGES

- How many blocks does Steve remove?

- On average, **1 out of every 10 blocks** contains coal. How many coal blocks should Steve expect to find in the hole?

SHOW YOUR ANSWER

Show an equation for each part. If an expected amount is not a whole number, explain what it means. Record both equations and the explanation on separate paper.

