



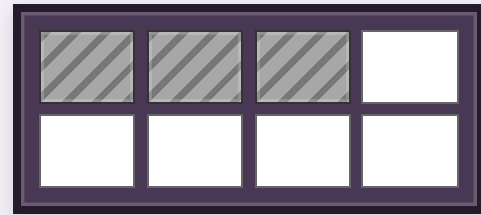
The Stained-Glass Window



COMPLETE TO COLLECT
Tumbled Amethyst
Level 2 · 3 Glints

In Minecraft, a portal-room window is divided into **8 equal glass panes**. At first, **3 panes are purple** and **5 panes are clear**. Alex wants the purple fraction to have a numerator exactly **2 less than its denominator**.

The denominator counts all 8 panes. The numerator counts the purple panes.



Finished purple fraction: _____

Colored glass blocks can turn a Minecraft build into one huge picture.

YOUR CHALLENGES

- What fraction of the window is purple at first?

- How many clear panes must Alex change to purple, and what will the new purple fraction be?

SHOW YOUR ANSWER

Color the needed clear panes directly on the window and write the finished fraction beside it. Use scratch paper for your explanation.

