Rearrange the cards to explain how to find what fraction of the total area is shaded.

| The shaded area is made up of two congruent triangles, <br> one of which has vertices $\left(\frac{1}{3}, \frac{2}{3}\right),\left(\frac{1}{2}, \frac{1}{2}\right),\left(\frac{1}{2}, 1\right)$. | A |
| :--- | :--- |
| The line joining $(0,0)$ to $\left(\frac{1}{2}, 1\right)$ has equation $y=2 x$ | Area of the triangle $=\frac{1}{2}\left(\frac{1}{2} \times \frac{1}{6}\right)=\frac{1}{24}$ |

