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

| | |
|---|---|
| As line $AC$ intersects line $MD$ at point $E$, the two opposite angles $\angle MEF$ and $\angle AED$ are equal. | A |
| The line $MF$ is half the length of $AD$. | B |
| Line $AD$ is parallel to line $MF$, so $\angle EDA$ and $\angle EMF$ are equal, and $\angle EAD$ and $\angle EFM$ are equal (alternate angles). | C |
| Therefore, $\triangle AED$ and $\triangle FEM$ are similar. | D |
| Therefore, the line $EH$ is half the length of $PE$. | E |
| Let ABCD be a unit square. | F |
| Therefore, the shaded area $MEFG = \frac{1}{24} \times 2 = \frac{1}{12}$ sq units. | G |
| $PH$ has length $\frac{1}{2}$ units, so $PE$ has length $\frac{1}{3}$ units and $EH$ has length $\frac{1}{6}$ units. | H |
| $\triangle MEF$ has area $\frac{1}{2}\left(\frac{1}{2} \times \frac{1}{6}\right) = \frac{1}{24}$ sq units. | I |