



- ① What is the area of the green region as a fraction of the whole rectangle?
- ② What is the area of the blue region as a fraction of the whole rectangle?
- ③ What is the sum of the shaded regions as a fraction of the whole rectangle?

Answers

① & ② Both shaded areas make up half of a small rectangle, and there are four small rectangles in the big rectangle. So the shaded regions individually are $\frac{1}{8}$ of the area of the big rectangle.

③ $\frac{1}{8} + \frac{1}{8} = \frac{1}{4}$