

• $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ (one quarter of the area)

• $\frac{1}{3} \times \frac{1}{3} = \frac{1}{9}$ (one ninth of the area)

• $\frac{1}{4} \times \frac{1}{4} = \frac{1}{16}$ (one sixteenth of the area)

• $\frac{1}{5} \times \frac{1}{5} = \frac{1}{25}$ (one twenty fifth of the area)

• $\frac{1}{6} \times \frac{1}{6} = \frac{1}{36}$ (one thirty sixth of the area)

• $\frac{1}{7} \times \frac{1}{7} = \frac{1}{49}$ (one forty ninth of the area)

• $\frac{1}{8} \times \frac{1}{8} = \frac{1}{64}$ (one sixty fourth of the area)

• $\frac{1}{9} \times \frac{1}{9} = \frac{1}{81}$ (one eighty one of the area)

• $\frac{1}{10} \times \frac{1}{10} = \frac{1}{100}$ (one hundredth of the area)

• $\frac{1}{11} \times \frac{1}{11} = \frac{1}{121}$ (one hundred twenty one of the area)