

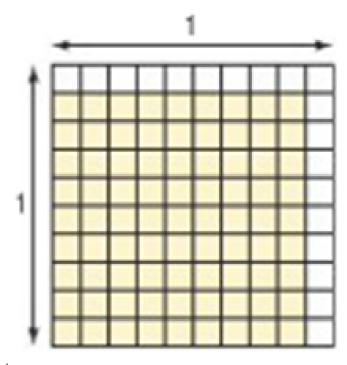
How many blocks total? $\,\,\,\,\,\,\,\,\,\,\,\,\,\,$

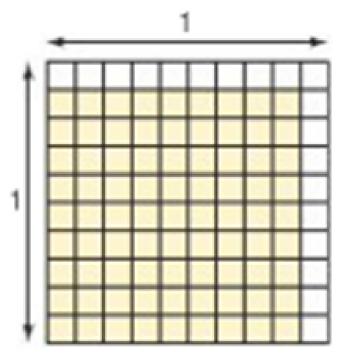
How many blocks shaded? ∠

So what fraction is shaded?

4/9

THINK OF IT AS A 1X1 BLOCK THAT BROKEN INTO PIECES WHATS THE SIDE LENGTH OF THE SHADED PART? $^2/_2$





Side length shaded = 9/10

$$\begin{pmatrix}
9 \\
10
\end{pmatrix} = \begin{pmatrix}
9 \\
10
\end{pmatrix} \begin{pmatrix}
9 \\
10
\end{pmatrix} = & 31 \\
41eq
\end{pmatrix}$$
Areq

SQUARE ROOT OF A FRACTION RULE:

IF the Fraction is between -land! (smaller # on top) then I = bigger # answer ± is bigger than to Warmally 5 = Smaller #

$$\sqrt{0.64}$$
, $-\sqrt{\frac{64}{100}} = \frac{8}{10} = 0.8$

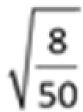
$$\sqrt{2.25} = \sqrt{\frac{225}{100}} = \frac{15}{10} = 1.5$$

$$\sqrt{\frac{8}{50}} = \sqrt{\frac{4}{25}} = \sqrt{\frac{2}{5}}$$

PERFECT SQUARES: A FRACTION CAN BE A PERFECT SQUARE IF THE TOP AND BOTTOM ARE BOTH PERFECT SQUARES

 $\sqrt{\frac{36}{25}}$

SIMPLIFY THE FRACTION FIRST TO MAKE IT EASIER



1.44

 $16\frac{4}{9}$

Which of the following are perfect squares?

6.3

10.24

 Practice Pg 11-13 # 3abc, 5abefg, 7bcefgh, 8a-f, 9bdfh, 10d, 12b, 13, 14, 18, 19