a. A small square is a square unit. What is the area of this rectangle? Explain.

To got the area you
multiply length $x$ width.
 $2^{2}$ units $\times 3^{2}$ units $=6$ s qu. 6 sq. units
I got $6^{2}$ units

b. What fraction of the area of each rectangle is shaded blue? Name the fraction in as many ways as you can. Explain your answers.

$$
F=\frac{1}{2}=\frac{T_{1}}{6}=
$$

$$
\begin{aligned}
& F=\frac{2}{2}=\frac{6}{6}=\frac{2}{6}=\frac{8}{16}=\frac{10}{20} E . \\
& G=\frac{1}{2}=\frac{3}{6}=\frac{2}{4}-8-14=32
\end{aligned}
$$

G.


$$
\begin{aligned}
& A=\frac{1}{6}=\frac{2}{12}=\frac{4}{24}=\frac{8}{418}=\frac{16}{96}=\frac{32}{202} \text {. } \\
& B=\frac{1}{2} \text { samia.s } E_{F} F, G \\
& \text { ( }=\frac{1}{3} 7=\frac{2}{6}=\frac{41}{\sqrt{2}}=\frac{8}{24}=\frac{12}{418}=\frac{38}{96} C . \\
& \frac{D=\frac{1}{3}}{E=\frac{1}{2}} \text { fane as } C \text { same as and } 6
\end{aligned}
$$

B.

D.


I got all the equitilat fractions because $t$ multiplied all the fractions by $\frac{2}{2}$. To get my first solution by taking the one unit which was 6 bakes and counted all the colored bases to get $\frac{1}{6}$ which manas tout of 6 pieces. Then I mulpiplyed thai bey $\frac{2}{2}$,


6 square units $2^{2}$ units $\times 3^{2}$ units $=b_{\text {and }}^{2}$ uni ways as you can. Explain your answers. gray
A.

B.

C.

E.

F.

G.


$$
\begin{aligned}
& A=1 / 6=2 / 12=4 / 24=5 / 30=3 / 18=6 / 36 \\
& B=3 / 6=1 / 2 \\
& C=2 / 6=1 / 3 \\
& D=2 / 6=1 / 3=\text { same as } C \\
& E=3 / 6=1 / 2=\text { same as } B \\
& F=3 / 6=1 / 2=\text { same as } B \\
& G=3 / 6=1 / 2=50 m e \text { as } B \\
& H=4 / 6=2 / 3=8 / 2=\frac{12}{18}=16 / 24=
\end{aligned}
$$

$\qquad$
I multiplied by a form of one to get each fraction. I started by multifling by $\partial / 2$ then $3 / 3$ then $4 / 4$ then $5 / 6$ and finally $0 / 6$. For fine first box, - counted the amant of squares in the retangle then 1 counted the shaded boxes. 1 got 1/6 tor the
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

I Think area of the rectangle is 6 square units. I know this

|  |  |  |
| :--- | :--- | :--- |
|  |  |  | is split up into 6 small squares and It said that a small square is a square unit, because the rectangle

eh rectangle is shaded blue? Name the fraction in as many b. What fraction of the area of each rectans.
ways as you can. Explain your answers.

$$
\begin{aligned}
& \text { I think }
\end{aligned}
$$


c.

D.

G.

H.

$\Lambda$ fo find the fraction of the shape, I looked at how many parts the rectangle was split into. That would be the denominator $\left(\frac{6}{6}\right)$. Then I looked at how many parts was. shaded, and that us


multiply by a tormot one.

$$
8 x: \frac{3}{6} \cdot \frac{3}{3} \cdot=\frac{9}{18}
$$

$\frac{3}{3}$ is thee a form of one. When you multiply by 1, the value stays the same.

