Name: .... Class: ....

Show fractions as area models

1. Yesterday, Sandra drew a rectangle and divided it into 10 parts. If she shaded 3 parts, what fraction will she have?

2. Today at school, Larry drew a square. He divided it into 4 equal parts, if he shades 1 part, what fraction will he have?

3. Last month, Yousef took pictures of a rectangular Land. She divided it into 3 equal parts. If she planted corn in 2 parts of the land, what fraction will she have?

mathskills4kids

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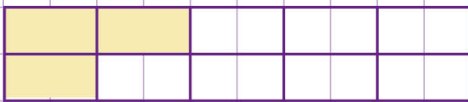
Show fractions as area models

1. Yesterday, Sandra drew a rectangle and divided it into 10 parts. If she shaded 3 parts, what fraction will she have?

   First, let's draw a rectangle and divide it into 10 equal parts.

   Secondly, let's shade 3 parts.

   You see that, the area model shows 3 shaded parts out of 10 parts.

   So, the fraction is $\dfrac{3}{10}$

2. Today at school, Larry drew a square. He divided it into 4 equal parts, if he shades 1 part, what fraction will he have?

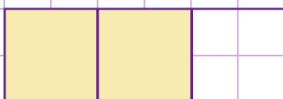   First, let's draw a square and divide it into 4 equal parts.

   Secondly, let's shade 1 part.

   Finally, let's deduce the fraction.
   You see that, the area model shows 1 shaded part out of 4 parts

   So, the fraction is $\dfrac{1}{4}$

3. Last month, Yousef took pictures of a rectangular Land. She divided it into 3 equal parts. If she planted corn in 2 parts of the land, what fraction will she have?

   So, the fraction is $\dfrac{2}{3}$