MY Homework

Homework Helper

eHelp

Need help? 🔗 **connectED.mcgraw-hill.com**

Franny wants to braid string to make a bracelet. She has one long piece of string. Franny needs to divide the string into 3 equal pieces for braiding. Model the whole string divided into 3 pieces. Write the unit fraction for 1 piece of the string.

1 Use the one whole fraction tile to represent the whole piece of string.

2 Use $\frac{1}{3}$-fraction tiles to model 3 equal parts.

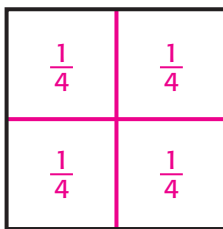| **1**		
$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$

3 The string was divided into 3 equal pieces. The unit fraction that represents 1 of those pieces is $\frac{1}{3}$.
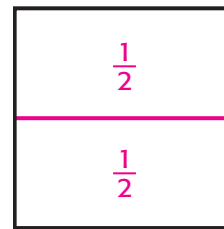
Practice Sample divisions: 1–4

Divide the whole into equal parts. Then label each part with its unit fraction.
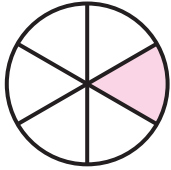
1. four equal parts

$\frac{1}{4}$	$\frac{1}{4}$
$\frac{1}{4}$	$\frac{1}{4}$

2. two equal parts

$\frac{1}{2}$
$\frac{1}{2}$

3. six equal parts

$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
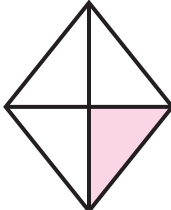
4. three equal parts

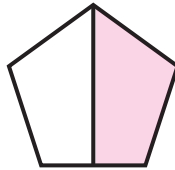| $\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
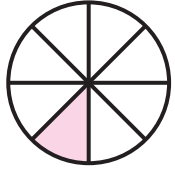
Write how many equal parts. Shade one part. Write its unit fraction.

5. ___**6**___ equal parts

unit fraction: $\dfrac{1}{6}$

6. ___**2**___ equal parts

unit fraction: $\dfrac{1}{2}$

7. ___**4**___ equal parts

unit fraction: $\dfrac{1}{4}$

8. ___**8**___ equal parts

unit fraction: $\dfrac{1}{8}$

Problem Solving

9. **Mathematical PRACTICE** ▶**3** **Justify Conclusions** Louis has a rectangular piece of construction paper. Can he divide the shape into 4 equal parts? Explain.

Yes; Sample answer: he can fold it in half, and then fold it in half one more time. Each part will be one-fourth of the whole rectangle.

Vocabulary Check

Choose the correct word(s) to complete each sentence.

fraction   unit fraction

10. A ___**unit fraction**___ is exactly one equal part of a whole.

11. A ___**fraction**___ represents an equal part of a whole.

Test Practice

12. Which unit fraction represents the shaded part of the whole?

Ⓐ $\dfrac{1}{3}$

Ⓑ $\dfrac{1}{4}$

Ⓒ $\dfrac{1}{6}$

Ⓓ $\dfrac{1}{8}$

Need more practice? Download Extra Practice at ⟋ **connectED.mcgraw-hill.com**