

Name

MY Homework

Lesson 1

Unit Fractions

Homework Helper



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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.

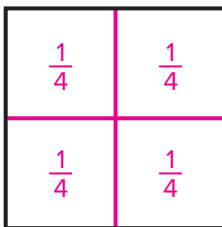
3 The string was divided into 3 equal pieces. The unit fraction that represents 1 of those pieces is $\frac{1}{3}$.

Practice

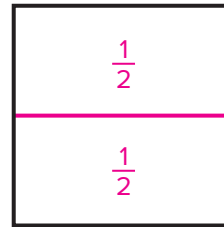
Sample divisions: 1–4

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

1. four equal parts



2. two equal parts



3. six equal parts

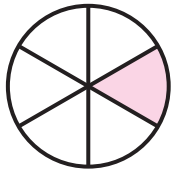


4. three equal parts



Write how many equal parts. Shade one part. Write its unit fraction.

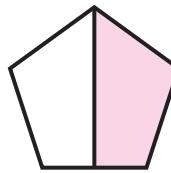
5.



6 equal parts

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

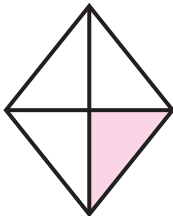
6.



2 equal parts

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

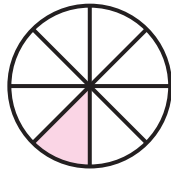
7.



4 equal parts

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

8.



8 equal parts

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

Brain Builders

9. **Mathematical PRACTICE** **Justify Conclusions** Louis has a rectangular piece of construction paper. Can he divide the shape into 8 equal parts? Explain.

Sample answer: Yes, he can fold the paper in half three times to make eight equal parts.

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.

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

(A) $\frac{1}{3}$

(C) $\frac{1}{6}$

(B) $\frac{1}{4}$

(D) $\frac{1}{8}$

