

MY Homework

Lesson 2

Part of a Whole

Homework Helper



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Dennis and 2 friends are sharing a submarine sandwich equally. All but one part has hot peppers. What fraction of the sandwich has hot peppers? What fraction of the sandwich does not have hot peppers?

Model the problem. The entire sandwich is the whole. It is divided into 3 equal parts. Two of the 3 parts have hot peppers.



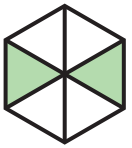

parts with hot peppers $\longrightarrow \frac{2}{3}$
total number of equal parts $\longrightarrow \frac{2}{3}$

$\frac{1}{3} \longleftarrow$ part without hot peppers
 $\frac{1}{3} \longleftarrow$ total number of equal parts

So, $\frac{2}{3}$ of the sandwich has hot peppers, and $\frac{1}{3}$ of the sandwich does not.

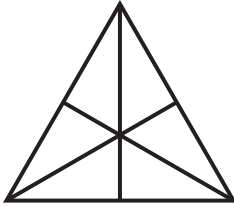
Practice

Complete the chart. Write a fraction for each part.

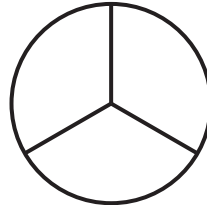
Fraction Model	Part that is Green	Part that is <i>not</i> Green
1. 	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
2. 	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

Shade each figure to represent the fraction.

3. $\frac{4}{6}$



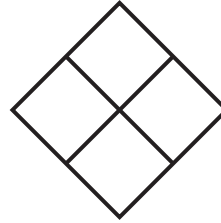
4. $\frac{3}{3}$



5. $\frac{5}{8}$



6. $\frac{1}{4}$



7. **Mathematical PRACTICE**  **Stop and Reflect** In Exercises 3–6, circle the unit fraction. Write the fraction below. Explain why it is a unit fraction.



Problem Solving

8. A loaf of bread is cut into 8 equal slices. What fraction of the bread is left after 6 slices have been used for sandwiches?

9. Kristen made a pinwheel with 6 points. She colored 1 point red, 2 points blue, and 3 points purple. What fraction of the points are neither red nor purple?

Vocabulary Check



Draw a line to match the vocabulary term with its meaning.

- | | |
|-----------------|---|
| 10. denominator | • the number of parts being represented |
| 11. numerator | • the total number of equal parts |

Test Practice

12. Which fraction of the figure is yellow?

- (A) $\frac{2}{8}$ (B) $\frac{2}{6}$ (C) $\frac{1}{2}$ (D) $\frac{3}{6}$

