Illustrative Mathematics

Grade 2 Unit 6
Lesson 9
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Unit 6 Lesson 9: You Ate the Whole Thing

WU Number Talk: What's the Sum? (Warm up)

Student Task Statement

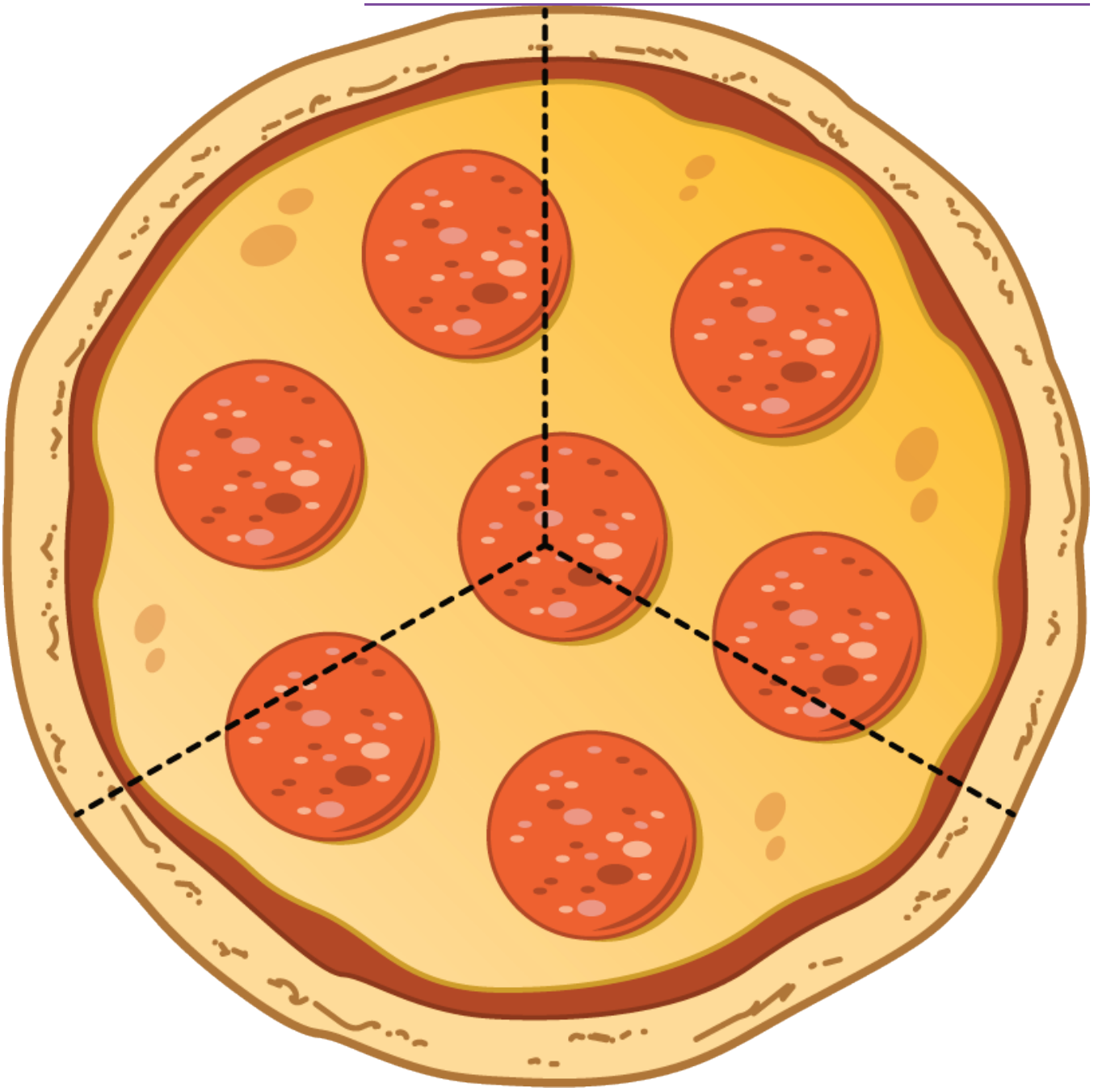
Find the value of each expression mentally.

- $20 + 10 + 10 + 5$
- $30 + 25$
- $35 + 15$
- $15 + 25 + 15$

1 Pizza to Share

Student Task Statement

Clare's friends were going to share a pizza. The image shows how they cut the pizza.

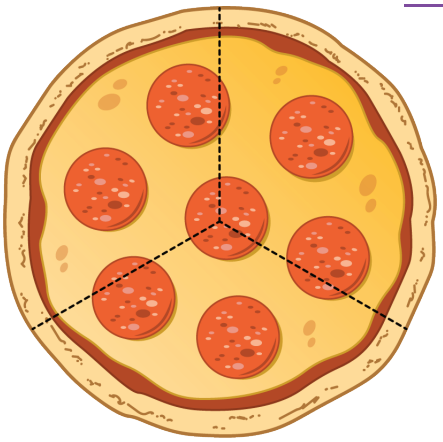


1. Clare ate 3 slices and her friends got upset with her.
    a. Why are her friends upset?
    b. How many thirds did Clare eat?
    c. How much of the pizza was left?

2.

Pizza Parts	**Group**
	Priya
	Han

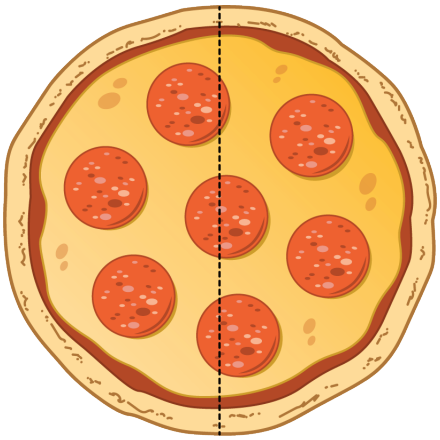
Diego



a. Priya will eat _____ of the pizza.

b. Together they will eat _____ of the pizza.

3. **Pizza Parts** **Group**



Jada

Mai

a. Each girl will eat _____ of the pizza.

b. Together they will eat _____ of the pizza.

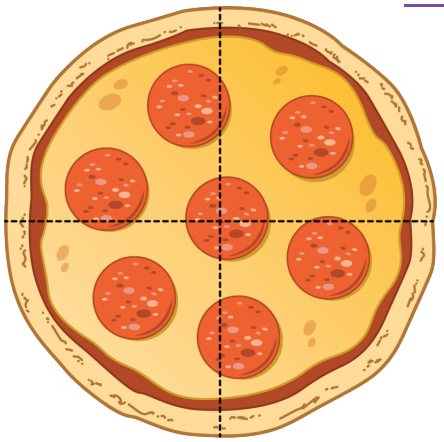
4. **Pizza Parts** **Group**

Elena

Tyler

Lin

Kiran



a. How much pizza will each child eat? _____

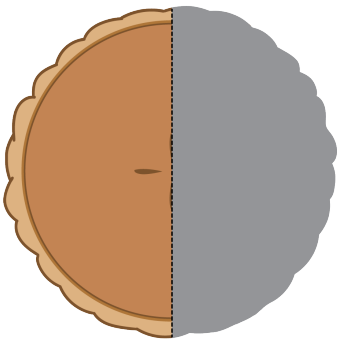
b. How much pizza will they eat in all? _____

2 Equal Shares of the Pie

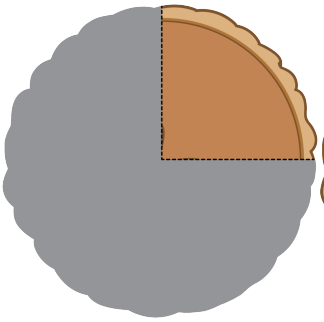
Student Task Statement

Write the letter of each image next to the matching story.

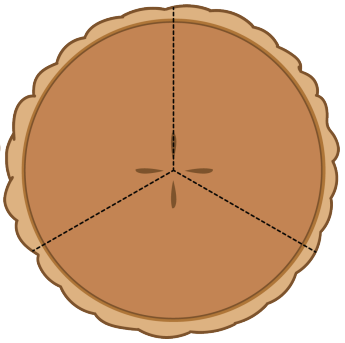
A



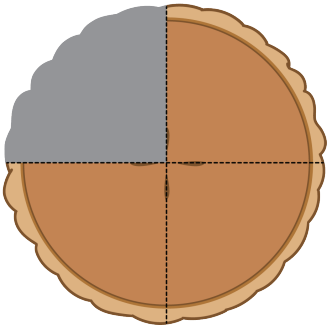
B



C



D



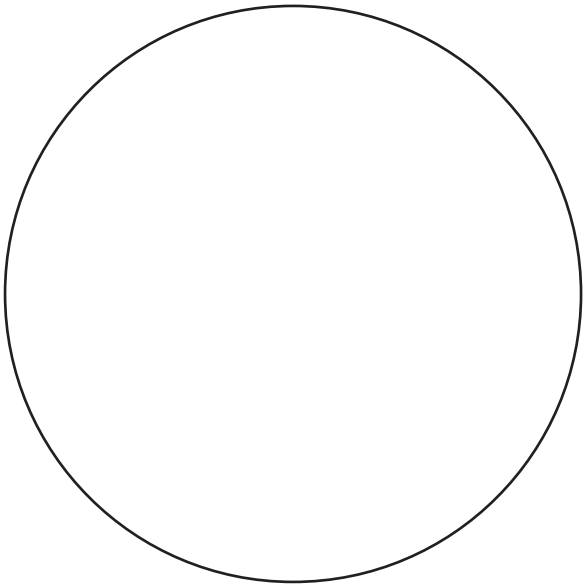
1. Noah ate most of the pie. He left a quarter of the pie for Diego. _____
2. Lin gave away a half of her pie and kept a half of the pie for herself. _____
3. Tyler cut a pie into four equal pieces. He ate a quarter of the pie. _____
4. Mai sliced the pie to share it equally with Clare and Priya. _____

    a. How much of the pie will they each get? a _____

    b. How much of the pie will they eat in all? _____

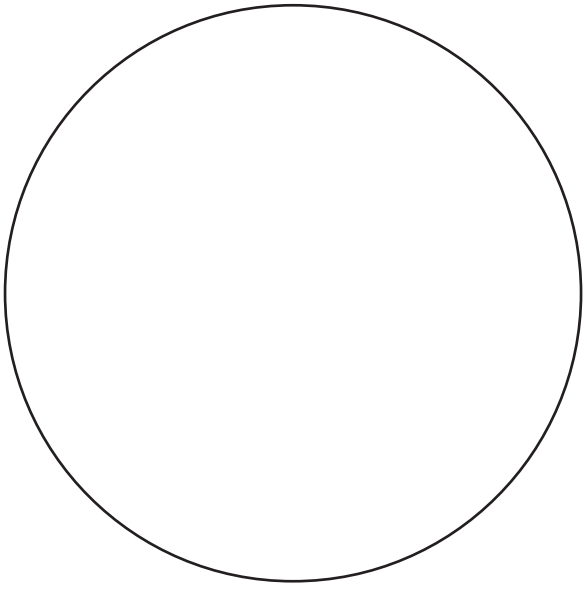
5. Now you try.

    - Partition the circle into four equal pieces.
    - Shade in a quarter of the circle red.
    - Shade in the rest of the circle blue.

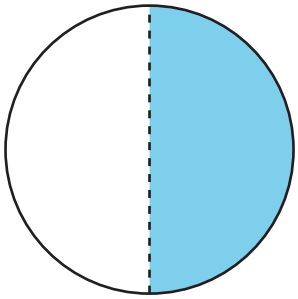
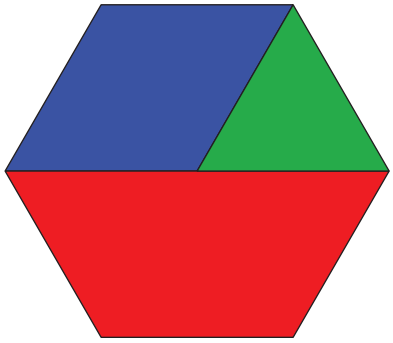
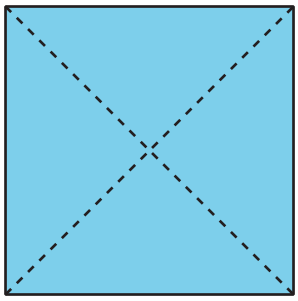
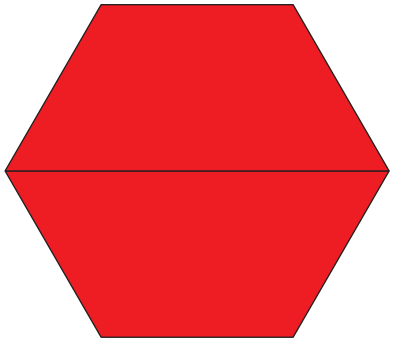
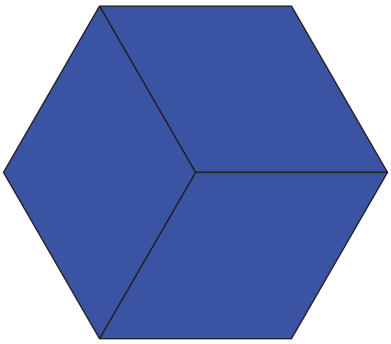
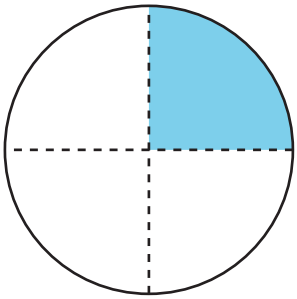
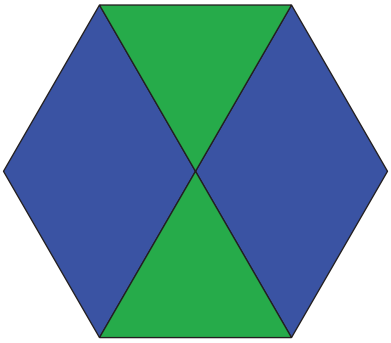


How much of the circle is shaded? _____

6.
   - Partition the circle into 2 equal pieces.
   - Shade one half of the circle blue.
   - Color the other piece yellow.



How much of the circle is yellow? _____

How much of the circle is shaded? _____

Images for Activity Synthesis