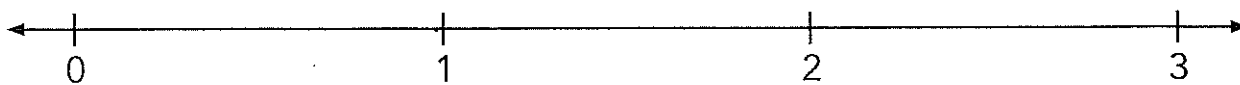


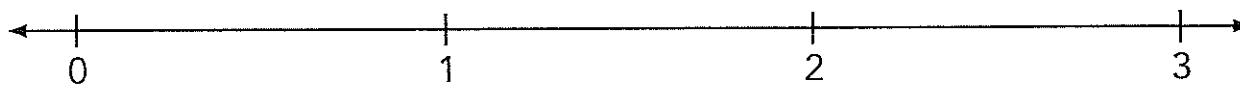
Try This

- Use Fraction Towers and the Fraction Number Line.
- Model the addition sentence.
- Arrange the towers if needed.
- Sketch your model and write the sum.

1. $1\frac{1}{3} + 1\frac{1}{3} = \underline{\hspace{2cm}}$



2. $2\frac{1}{5} + 1\frac{1}{5} = \underline{\hspace{2cm}}$



3. $1\frac{1}{2} + 1\frac{1}{2} = \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$



Find the sum. Write your answer as a mixed number.

4. $1\frac{3}{6} + 1\frac{1}{6} = \underline{\hspace{2cm}}$

5. $1\frac{5}{8} + 1\frac{7}{8} = \underline{\hspace{2cm}}$

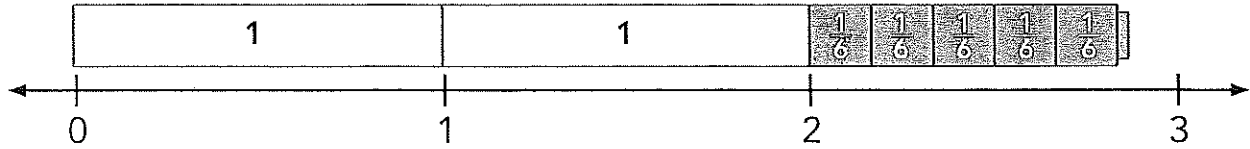
6. $4\frac{1}{4} + 2\frac{3}{4} = \underline{\hspace{2cm}}$

7. $3\frac{1}{10} + 5\frac{3}{10} = \underline{\hspace{2cm}}$

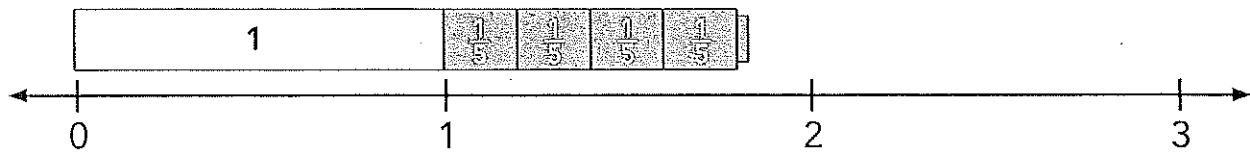
8. $6\frac{7}{12} + 2\frac{1}{12} = \underline{\hspace{2cm}}$

Use Fraction Towers to build the model on the Fraction Number Line. Fill in the blanks.

1. $1\frac{2}{6} + 1\frac{3}{6} = 1 + 1 + \frac{2}{6} + \frac{3}{6} = \underline{\hspace{2cm}}$



2. $1\frac{1}{5} + \frac{3}{5} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$



Use Fraction Towers to model the problem on the Fraction Number Line. Sketch the model. Fill in the blanks.

3. $1\frac{2}{10} + 2\frac{1}{10} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$



4. $1\frac{1}{4} + 1\frac{2}{4} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{2cm}}$



Write the sum.

5. $1\frac{2}{6} + 5\frac{1}{6} = \underline{\hspace{2cm}}$

6. $3\frac{5}{10} + 2\frac{3}{10} = \underline{\hspace{2cm}}$

7. $4\frac{3}{6} + 3\frac{2}{6} = \underline{\hspace{2cm}}$

8. $1\frac{3}{4} + 2\frac{1}{4} = \underline{\hspace{2cm}}$

Try This

- Use Fraction Towers and the Fraction Number Line to model the first number.
- Subtract the second number by removing Fraction Tower Cubes. (You might have to rename a whole using unit cubes.)
- Write the difference.

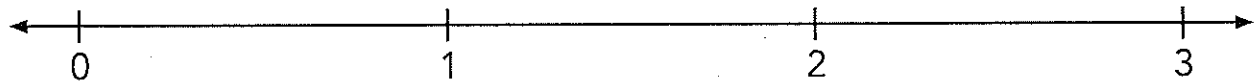
1. $2\frac{4}{5} - 1\frac{2}{5} = \underline{\hspace{2cm}}$



2. $1\frac{2}{3} - 1\frac{1}{3} = \underline{\hspace{2cm}}$



3. $1\frac{1}{6} - \frac{5}{6} = \underline{\hspace{2cm}}$



Find each difference.

4. $1\frac{7}{12} - 1\frac{5}{12} = \underline{\hspace{2cm}}$

5. $2\frac{5}{10} - 1\frac{3}{10} = \underline{\hspace{2cm}}$

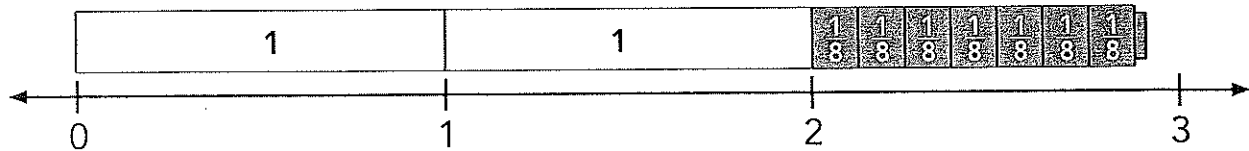
6. $3\frac{5}{10} - 1\frac{3}{10} = \underline{\hspace{2cm}}$

7. $4\frac{7}{12} - 1\frac{1}{12} = \underline{\hspace{2cm}}$

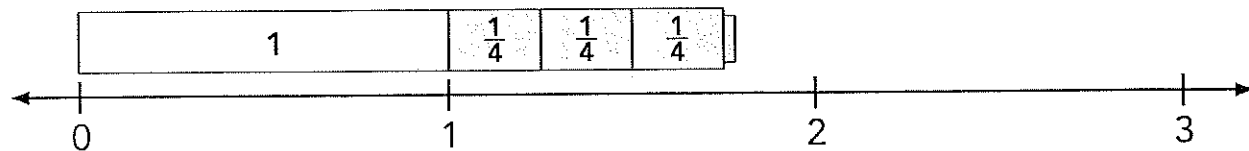
8. $9\frac{1}{8} - 4\frac{5}{8} = \underline{\hspace{2cm}}$

Use Fraction Towers to build the model on the Fraction Number Line. Subtract by removing cubes. Cross out the cubes on the drawing that you subtract. Write the difference.

1. $2\frac{7}{8} - 1\frac{1}{8} = \underline{\hspace{2cm}}$



2. $1\frac{3}{4} - 1\frac{1}{4} = \underline{\hspace{2cm}}$

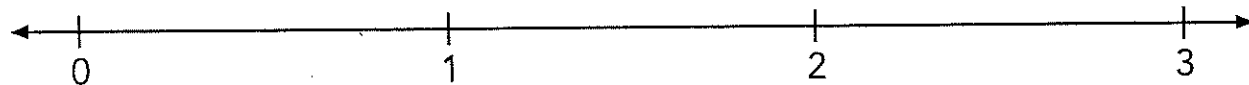


Use Fraction Towers to model the first number on the Fraction Number Line. Sketch the model. Subtract by removing cubes and by crossing out cubes on the sketch. Write the difference.

3. $1\frac{2}{3} - \frac{1}{3} = \underline{\hspace{2cm}}$



4. $2\frac{1}{5} - 1\frac{2}{5} = \underline{\hspace{2cm}}$



Find each difference.

5. $1\frac{3}{4} - 1\frac{1}{4} = \underline{\hspace{2cm}}$

6. $3\frac{7}{10} - 1\frac{4}{10} = \underline{\hspace{2cm}}$

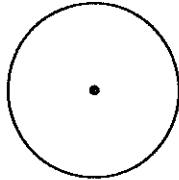
7. $5\frac{1}{4} - 3\frac{3}{4} = \underline{\hspace{2cm}}$

8. $6\frac{3}{12} - 1\frac{8}{12} = \underline{\hspace{2cm}}$

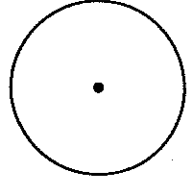
Try This

- Use Fraction Circle pieces to model each pizza story.
- Write an addition or subtraction number sentence for each story.
- Draw a picture of the sum or difference on the circle.

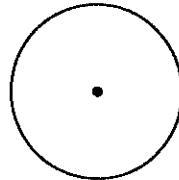
1. Mark ate $\frac{1}{4}$ of a cheese pizza. Karen ate $\frac{2}{4}$ of the same cheese pizza. How much pizza did they eat in all?



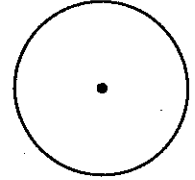
2. Ross had $\frac{3}{6}$ of a spinach pizza. He gave $\frac{2}{6}$ of it to Rita. How much pizza was left?



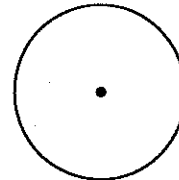
3. Kevin ate $\frac{3}{8}$ of a sausage pizza. Then he ate $\frac{4}{8}$ of the same sausage pizza. How much pizza did he eat?



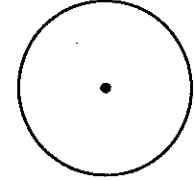
4. Tammy made a pepperoni pizza. She ate $\frac{4}{5}$ of the pizza. How much pizza was left?



5. There was $\frac{7}{8}$ of a meat pizza on the buffet table. Bill ate $\frac{3}{8}$ of that pizza. How much of the meat pizza was left on the buffet table?



6. Juan ate $\frac{3}{12}$ of a large black olive pizza. Donna ate $\frac{1}{12}$ of the same black olive pizza. How much pizza did they both eat?



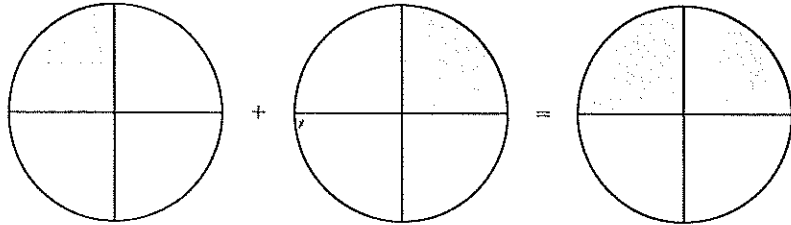
Challenge

Write a pizza story. Ask a friend to draw a picture about your story and write a number sentence for it.

Use Fraction Circles to model the problem. Fill in the number sentence.

1. Lorenzo ate $\frac{1}{4}$ of a cheese pizza. Ariel ate $\frac{1}{4}$ of the same pizza. How much of the pizza did they eat in all?

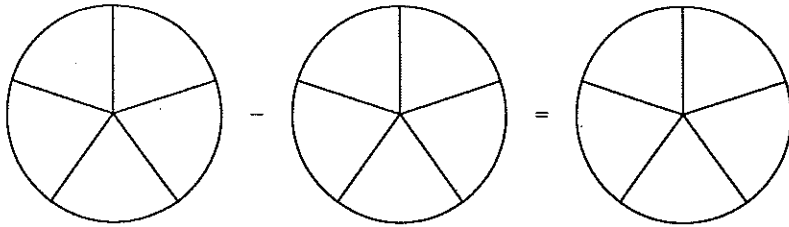
$$\frac{1}{4} + \frac{1}{4} = \underline{\hspace{2cm}} \text{ of the pizza}$$



Use Fraction Circles to model the problem. Draw the model. Fill in the number sentence.

2. Tommy ate $\frac{2}{5}$ of a mushroom pizza. How much of the pizza was left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}} \text{ of the pizza}$$



Write a number sentence and solve the problem.

3. Howard made a sausage pizza. He ate $\frac{2}{6}$ of the pizza. How much of the pizza was left?

4. There was $\frac{4}{10}$ of a pizza left on the kitchen counter. Molly ate $\frac{2}{10}$ of that pizza. How much of the pizza was left on the kitchen counter?

5. Noah ate $\frac{5}{8}$ of a pepperoni pizza. Nathan ate $\frac{1}{8}$ of the same pizza. How much of the pizza did Noah and Nathan eat in all?
