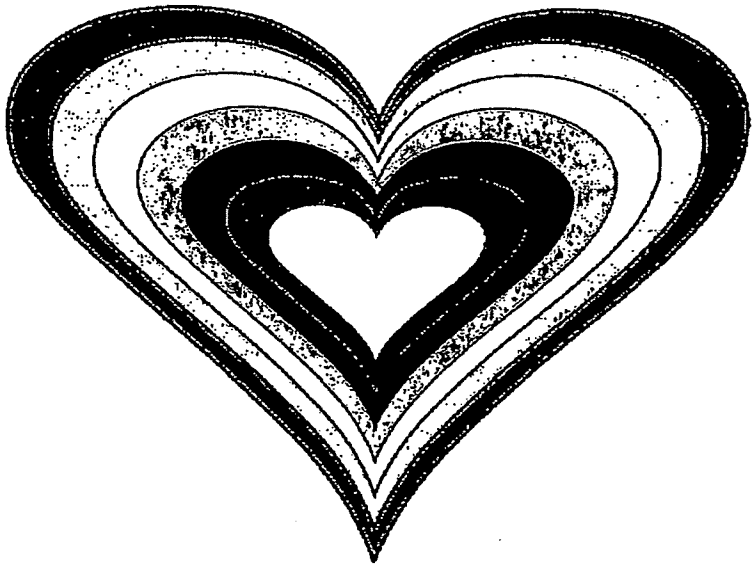
5th Grade Math

Week of February 8 - February 12, 2021



Name _____

* Please do not complete until advised by teacher*

February 8, 2021

Over the weekend, Eleni ate $\frac{1}{4}$ box of cereal, and Eddie ate $\frac{3}{8}$ of the same box. What portion of the box did they eat in all?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Monday, 2/8/21

Exit Ticket Lesson 7-7

Find each sum.

1. $2\frac{3}{8} + 1\frac{1}{4}$

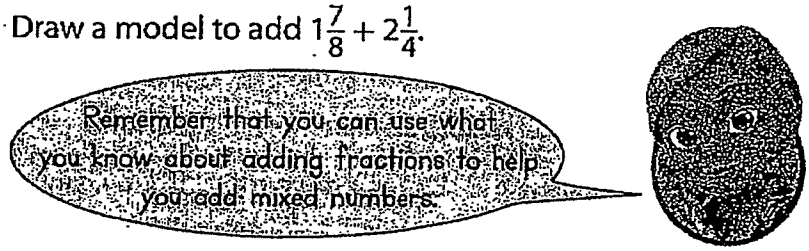
2. $2\frac{6}{12} + 2\frac{1}{2}$

Name _____ Practice Video Tools Games

Additional Practice 7-7
Use Models to Add Mixed Numbers

Another Look!

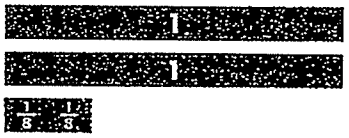
Draw a model to add $1\frac{7}{8} + 2\frac{1}{4}$.



Step 1

Model each addend using fraction strips.

$1\frac{7}{8}$

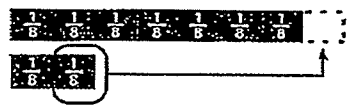


$2\frac{1}{4} = 2\frac{2}{8}$

Step 2

Add the fractions. Regroup if possible.

$$\begin{array}{r} \frac{7}{8} \\ +\frac{2}{8} \\ \hline \frac{9}{8} = 1\frac{1}{8} \end{array}$$



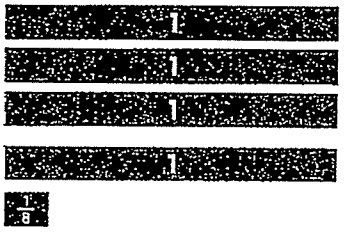
$\frac{8}{8} = 1$

$\frac{1}{8}$ left

Step 3

Add the whole numbers to the regrouped fractions. Write the sum.

So, $1\frac{7}{8} + 2\frac{1}{4} = 3\frac{9}{8} = 4\frac{1}{8}$.



In 1–12, use fraction strips to find each sum.

1. $3\frac{1}{2} + 1\frac{4}{8}$
2. $2\frac{5}{12} + 4\frac{1}{4}$
3. $3\frac{3}{4} + 3\frac{1}{2}$
4. $2\frac{5}{8} + 4\frac{3}{4}$
5. $5\frac{1}{3} + 3\frac{5}{6}$
6. $2\frac{1}{2} + 6\frac{3}{4}$
7. $3\frac{1}{4} + 4\frac{7}{8}$
8. $4\frac{5}{6} + 5\frac{7}{12}$
9. $2\frac{1}{4} + 4\frac{5}{8}$
10. $6\frac{1}{2} + 7\frac{3}{4}$
11. $4\frac{5}{8} + 6\frac{1}{2}$
12. $2\frac{1}{3} + 4\frac{5}{12}$

February 9, 2021

Rose bought a copper pipe that measured $\frac{4}{6}$ yard. She used $\frac{1}{2}$ yard to repair a water line in her house. How much pipe does she have left?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Tuesday, 2/9/21

Exit Ticket Lesson 7-8

Find each sum.

1. $2\frac{1}{4} + 1\frac{3}{8}$

2. $5\frac{1}{4} + 1\frac{5}{6}$

Name _____

Practice Video Tools Games

Additional Practice 7-8
Add Mixed Numbers

Another Look!

Randy did homework for $2\frac{5}{6}$ hours. Then he played soccer for $1\frac{3}{4}$ hours. How many hours did he spend on the two activities?

Before you add, you need to write equivalent fractions.

Step 1

Write equivalent fractions with a common denominator. You can use fraction strips to show the equivalent fractions.

$2\frac{5}{6} = 2\frac{10}{12}$ $\quad 1\frac{3}{4} = 1\frac{9}{12}$

Step 2

Add the fraction part of the mixed numbers first. Then add the whole numbers.

$$\frac{9}{12} + \frac{10}{12} = \frac{19}{12}$$
$$1 + 2 = 3$$
$$\frac{19}{12} + 3 = 3\frac{19}{12}$$

Step 3

Regroup $\frac{19}{12}$ as $1\frac{7}{12}$. Find the sum.

$$3\frac{19}{12} = 3 + 1\frac{7}{12} = 4\frac{7}{12}$$

Randy spent $4\frac{7}{12}$ hours on the two activities.

In 1–12, find each sum.

Remember to use an estimate to check that your answer is reasonable.

1. $2\frac{5}{6} = 2\frac{\square\square}{12}$
$+ 3\frac{1}{4} = 3\frac{\square}{12}$

2. $5\frac{2}{5} = 5\frac{\square}{10}$
$+ 4\frac{1}{2} = 4\frac{\square}{10}$

3. $1\frac{3}{8}$
$+ 6\frac{3}{4}$

4. $10\frac{1}{3} + \frac{7}{9}$

5. $3\frac{1}{4} + 6\frac{2}{3}$

6. $2\frac{1}{2} + 2\frac{1}{6}$

7. $3\frac{7}{8} + 5\frac{2}{3}$

8. $4\frac{5}{6} + 9\frac{5}{9}$

9. $15\frac{1}{3} + 1\frac{5}{12}$

10. $12\frac{3}{4} + 6\frac{3}{8}$

11. $14\frac{7}{10} + 3\frac{3}{5}$

12. $8\frac{5}{8} + 7\frac{7}{16}$

February 10, 2021

Tyler and Dean ordered a pizza. Tyler ate $\frac{1}{2}$ of the pizza and Dean ate $\frac{1}{3}$ of the pizza. How much of the pizza was eaten, and how much is still left?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Wednesday, 2/10/21

Exit Ticket Lesson 7-9

Find each difference.

1. $6\frac{2}{3} - 4\frac{2}{9}$

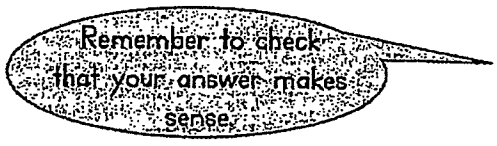
2. $6\frac{1}{2} - 2\frac{3}{10}$

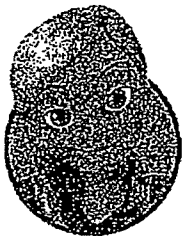
Name _____ Practice Video Tools Games

Additional Practice 7-9
Use Models to Subtract Mixed Numbers

Another Look!

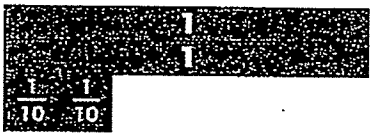
Draw a model to find $2\frac{1}{5} - 1\frac{3}{10}$.





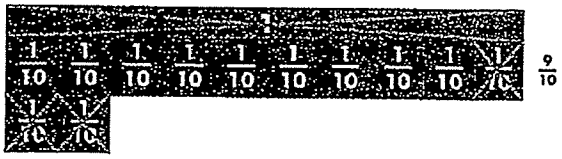
Step 1

Rename the fractions with a common denominator. Use the common denominator to model the number you are subtracting from, $2\frac{1}{5}$ or $2\frac{2}{10}$.



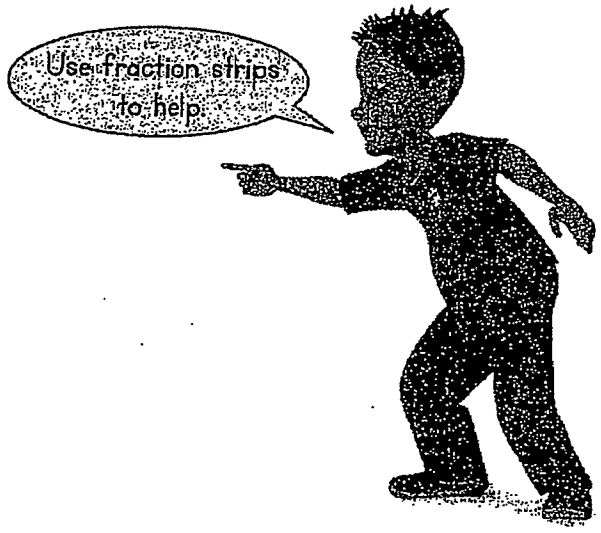
Step 2

Rename $2\frac{2}{10}$ as $1\frac{12}{10}$. Cross out one whole and $\frac{3}{10}$ to show subtracting $1\frac{3}{10}$.



Write the parts of the model that are left as a fraction or mixed number.
So, $2\frac{1}{5} - 1\frac{3}{10} = \frac{9}{10}$.

In 1–12, find each difference.



1. $6\frac{1}{4} - 3\frac{5}{8}$
2. $4 - 1\frac{1}{2}$
3. $5\frac{1}{3} - 3\frac{1}{6}$
4. $7\frac{2}{5} - 4\frac{7}{10}$
5. $12\frac{3}{4} - 11\frac{7}{8}$
6. $9\frac{3}{10} - 2\frac{2}{5}$
7. $8\frac{1}{4} - 2\frac{5}{12}$
8. $12\frac{1}{3} - 5\frac{4}{6}$
9. $9\frac{1}{2} - 6\frac{9}{10}$
10. $3\frac{4}{5} - 1\frac{4}{10}$
11. $7\frac{1}{4} - 3\frac{5}{8}$
12. $10\frac{1}{3} - 7\frac{5}{9}$

February 11, 2021

Kayla had $\frac{9}{10}$ gallon of paint. She used $\frac{2}{3}$ gallon painting her bedroom ceiling and $\frac{1}{5}$ gallon painting the ceiling her bathroom. How much paint does she have left after painting the two ceilings?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Thursday, 2/11/21

Exit Ticket Lesson 7-10

Find each sum or difference.

1. $4\frac{1}{9} - 1\frac{2}{3}$

2. $3\frac{3}{4} + 2\frac{1}{3}$

Name _____ Practice Video Tools Games

Additional Practice 7-10
Subtract Mixed Numbers

Another Look!

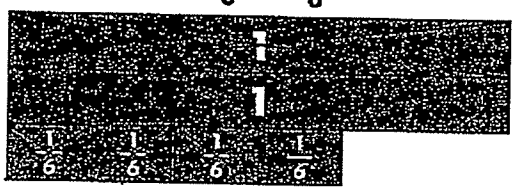
The Plainville Zoo has had elephants for $2\frac{2}{3}$ years. The zoo has had zebras for $1\frac{1}{2}$ years. How many more years has the zoo had elephants?

Remember: You need a common denominator to subtract fractions.

Step 1

Write equivalent fractions with a common denominator. You can use fraction strips.

$$2\frac{2}{3} = 2\frac{4}{6}$$



$$1\frac{1}{2} = 1\frac{3}{6}$$

Step 2

Find the difference $2\frac{4}{6} - 1\frac{3}{6}$. Subtract the fractions. Then subtract the whole numbers.

$\frac{4}{6} - \frac{3}{6} = \frac{1}{6}$ $\qquad 2 - 1 = 1$

So, $2\frac{2}{3} - 1\frac{1}{2} = 1\frac{1}{6}$.

The zoo has had the elephants $1\frac{1}{6}$ years longer.

In 1–9, find each difference.

1. $4\frac{3}{5} = 4\frac{\square}{15}$
$-\,2\frac{1}{3} = 2\frac{\square}{15}$

2. $5 - 3\frac{5}{6}$

3. $10\frac{5}{8} - 5\frac{3}{4}$

4. $5\frac{6}{7} - 1\frac{1}{2}$

5. $3 - 1\frac{3}{4}$

6. $6\frac{5}{6} - 5\frac{1}{2}$

7. $7\frac{3}{10} - 2\frac{1}{5}$

8. $9\frac{2}{3} - 6\frac{1}{2}$

9. $8\frac{1}{4} - \frac{7}{8}$

Friday, 2/12/21

Quiz Mixed Numbers

Show all work for your online quiz below in order to receive full credit. Number each example clearly.

Enrichment

LESSON 5

Name: _____ Date: _____

Check Out That Place Value!

Directions: Complete each inequality using >, <, or =. Then, explain how you compared the numbers on the lines below.

1. 0.67 ◯ 0.49

2. 0.159 ◯ 0.162

3. 0.78 ◯ 0.786

Name: _____ Date: _____

LESSON 5

Compare These!

Directions: Highlight the greater decimal. Then, write an inequality using the decimals and >, <, or =.

1.

ones		tenths	hundredths	thousandths
0	•	6	7	
0	•	8	1	

_____

2.

ones		tenths	hundredths	thousandths
0	•	3	4	3
0	•	3	4	9

_____

3.

ones		tenths	hundredths	thousandths
0	•	2	4	
0	•	2	3	6

_____

Explain how you know which number is greater.

_____

_____

_____

LESSON 5

Name: _____ Date: _____

Quick ✓ Check

Directions: Choose *True* or *False* for each inequality.

1. $0.34 < 0.43$ — True / False
2. $0.358 > 0.467$ — True / False
3. $0.812 = 0.812$ — True / False
4. $0.93 < 0.924$ — True / False

Directions: Solve the problem below.

5. Thomas is comparing the height of his two dogs. Lewis is 0.345 meters high. Clark is 0.316 meters high. Which dog is taller? Explain how you know.

Name: _____ Date: _____

LESSON 5

Refocus

Directions: Follow the steps to compare the decimals.

1. 0.3 and 0.1

   Step 1: Model the decimals with your base ten blocks.

   Step 2: Complete the inequality using >, <, or =.

   0.3 ( ) 0.1

   Explain how you know which number is greater.

   _____

   _____

2. 0.61 and 0.62

   Step 1: Model the decimals with your base ten blocks.

   Step 2: Complete the inequality using >, <, or =.

   0.61 ( ) 0.62

   Explain how you know which number is greater.

   _____

   _____

3. 0.4 and 0.43

   Step 1: Model the decimals with your base ten blocks.

   Step 2: Complete the inequality using >, <, or =.

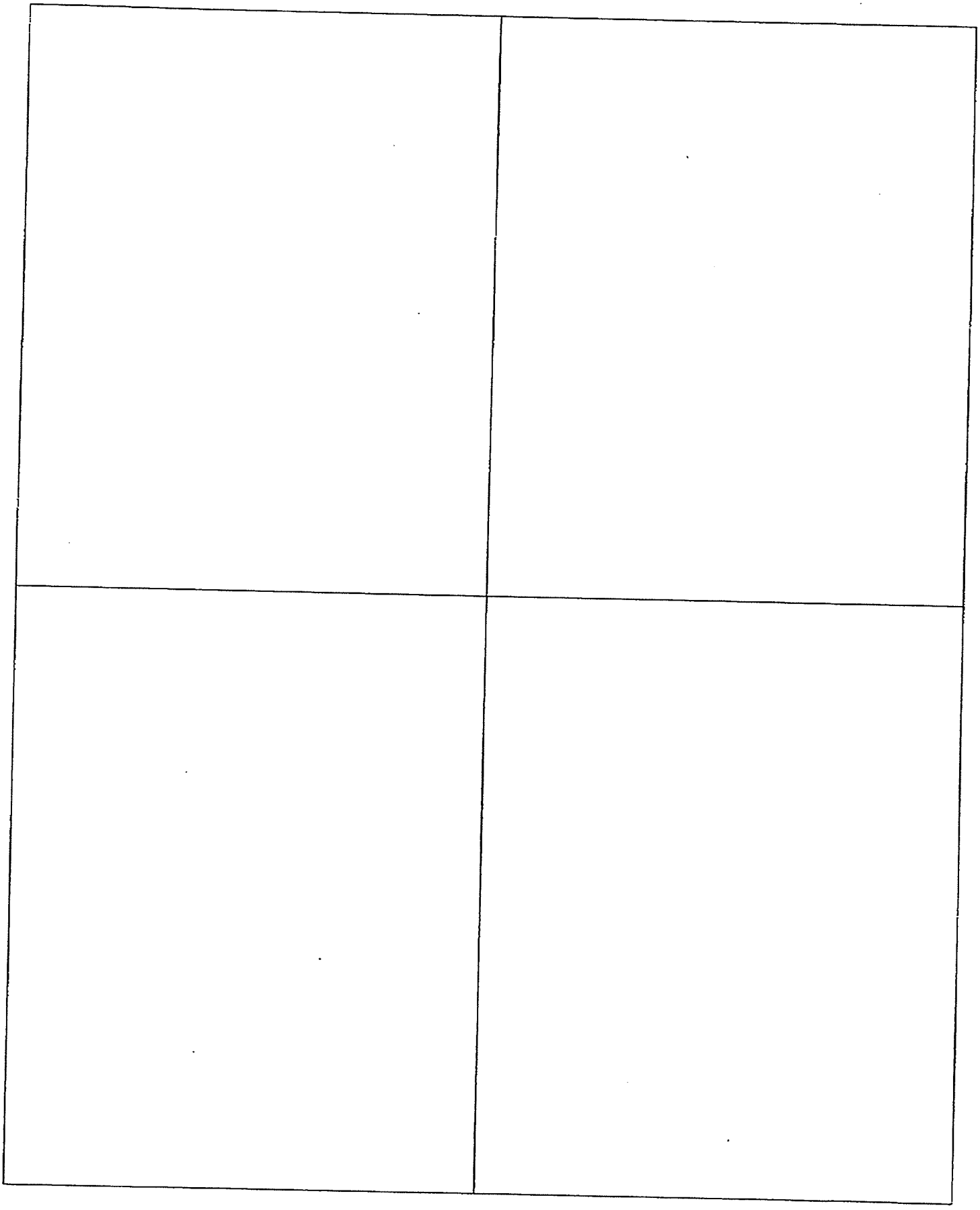
   0.4 ( ) 0.43

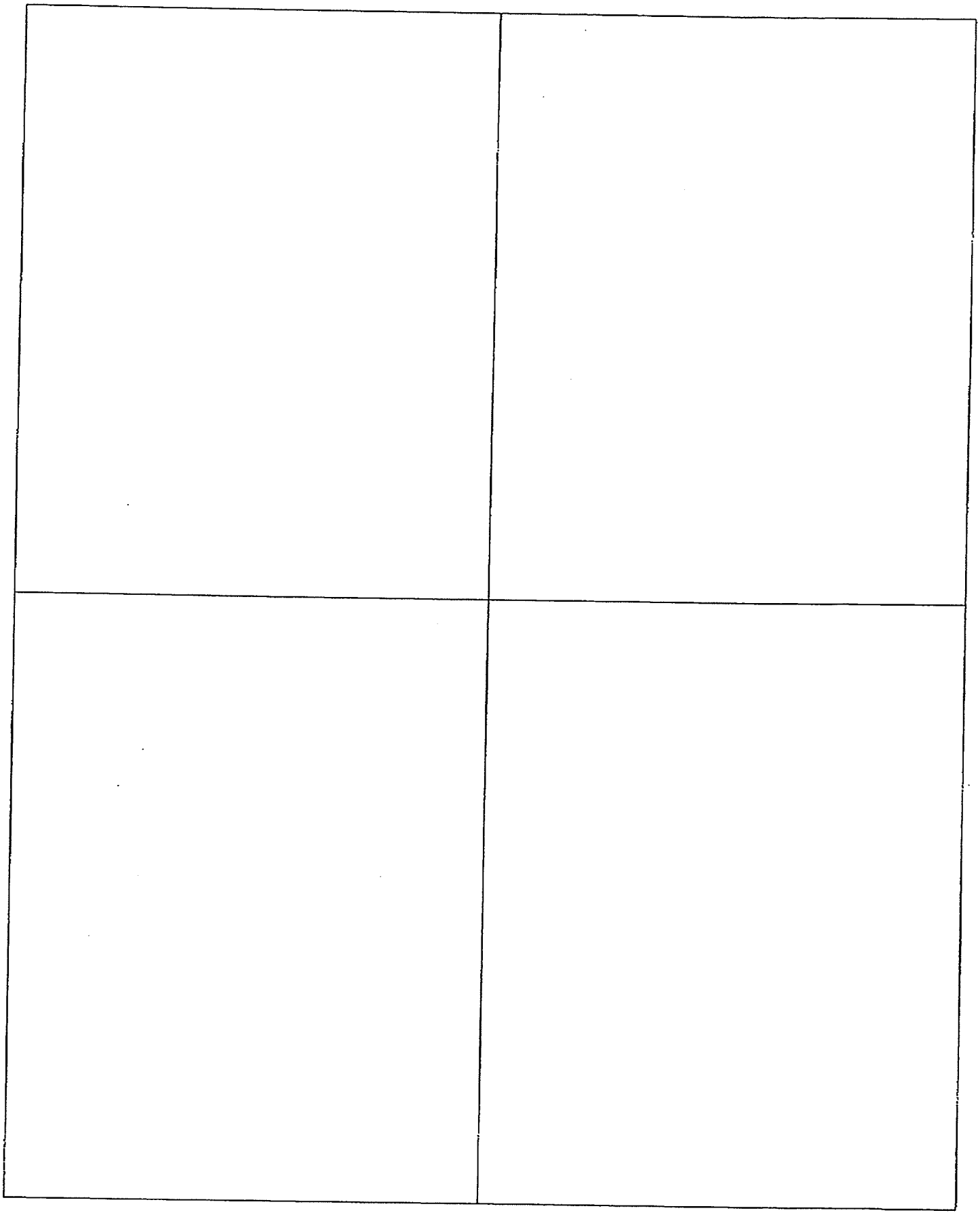
   Explain how you know which number is greater.

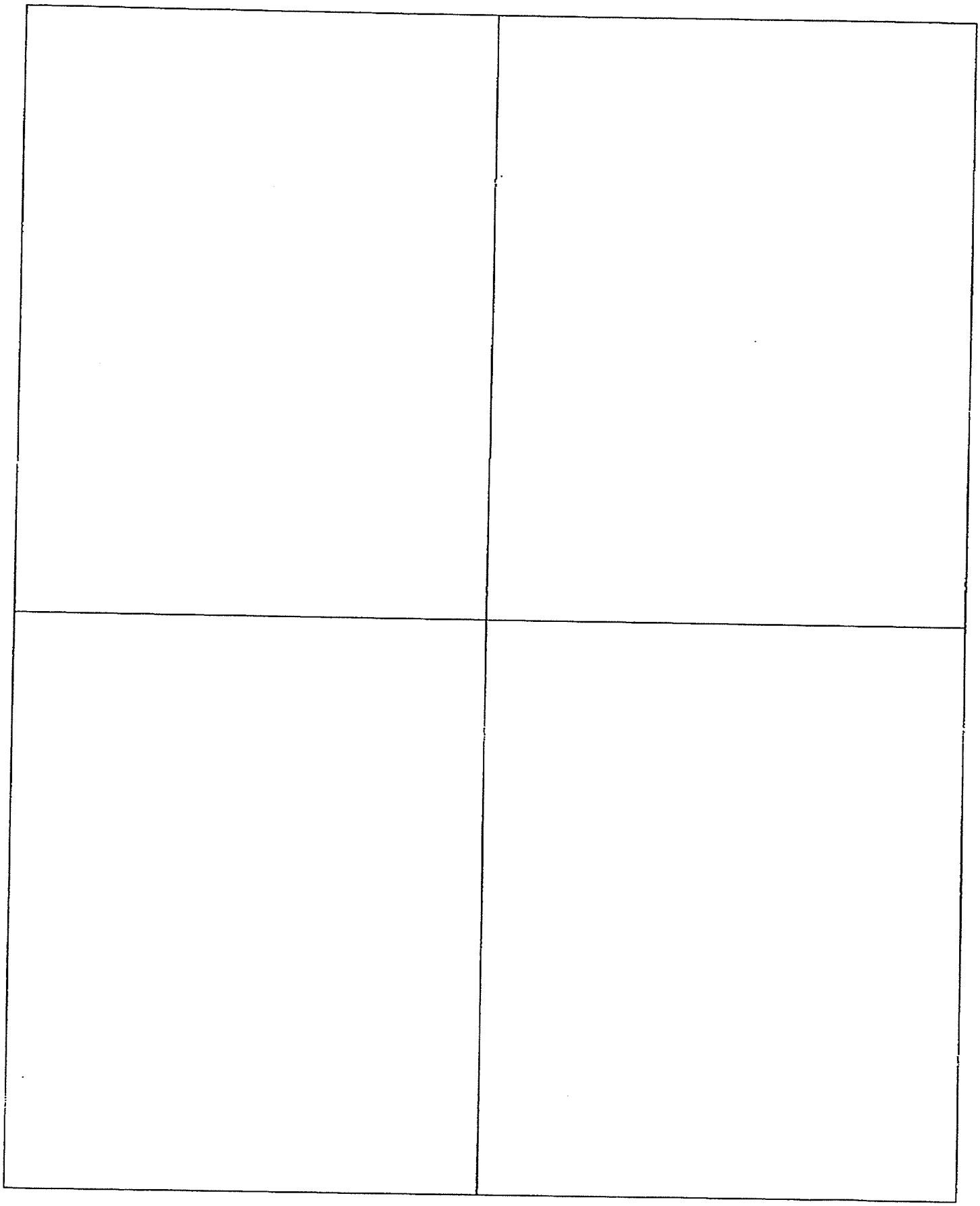
   _____

   _____

Enrichment







Enrichment