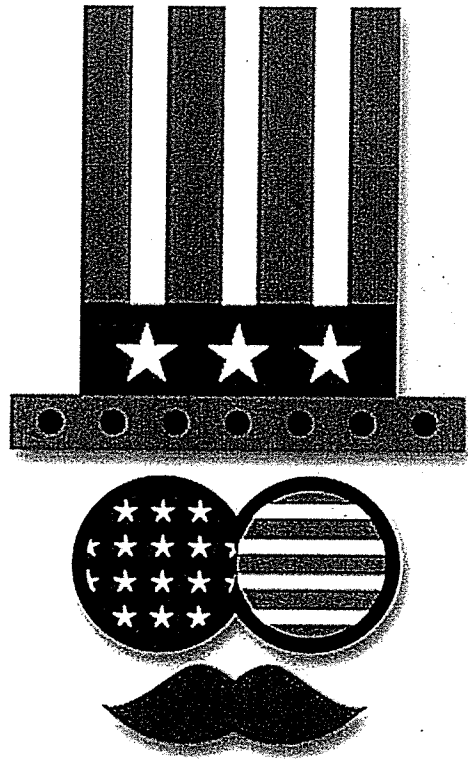


5th Grade Math

Week of February 22 - February 26, 2021



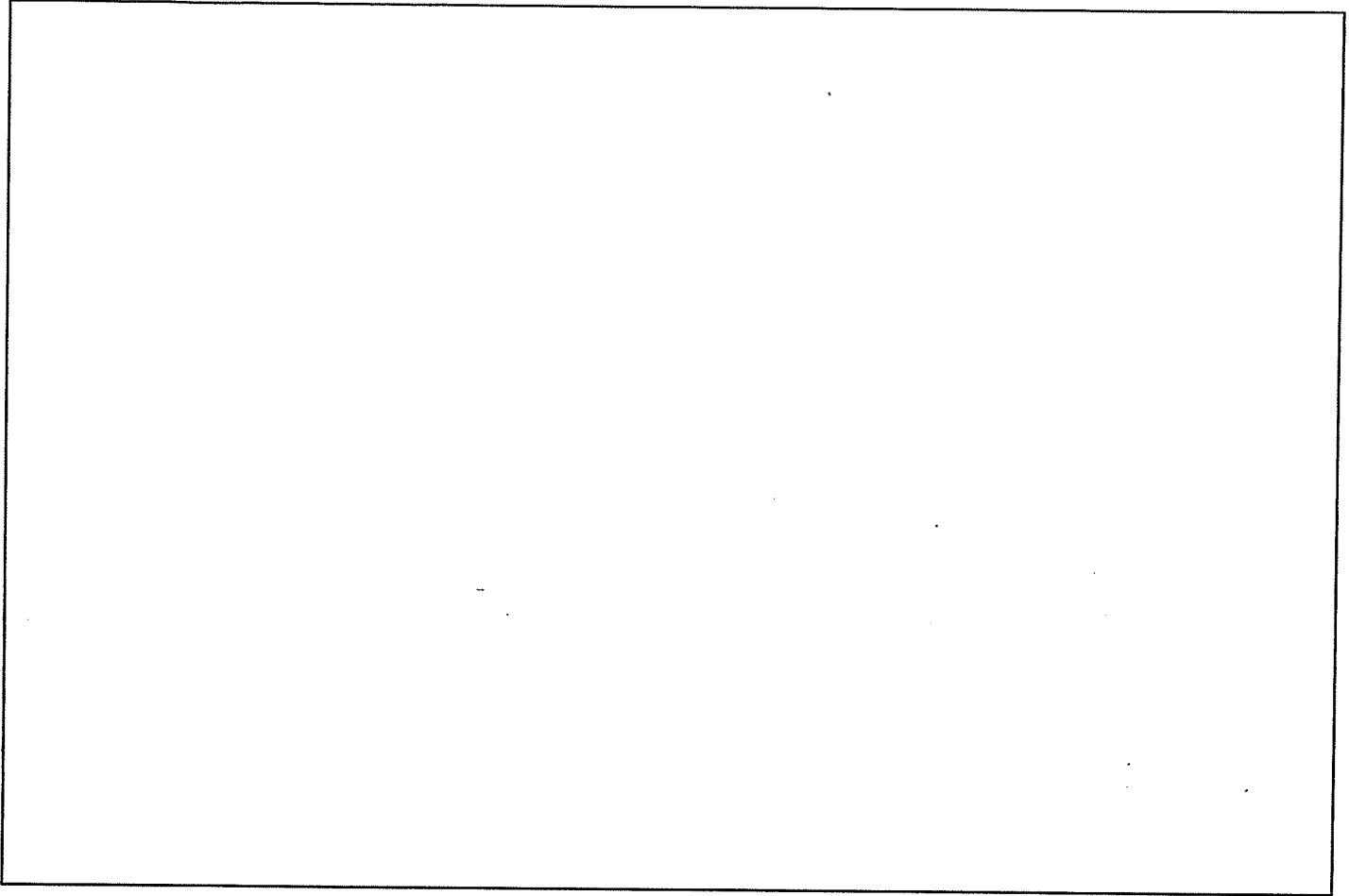
★ Happy President's Day ★

Name _____

* Please do not complete until advised by teacher*

February 22, 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?

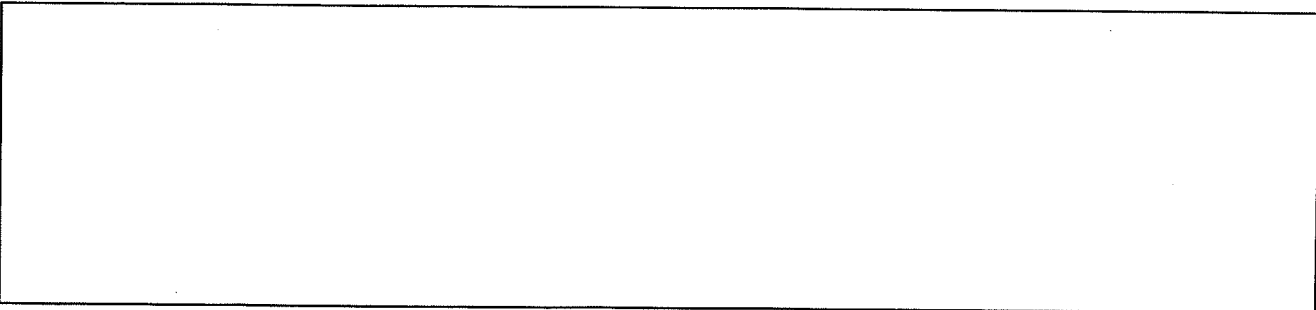


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Monday, 2/22/21

Exit Ticket Lesson 7-11

Do the operation in parenthesis first.

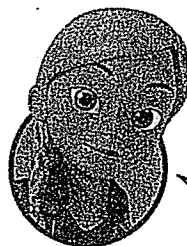
1. $(2\frac{3}{8} + 1\frac{1}{4}) - 2\frac{1}{2}$

Additional Practice 7-11
Add and Subtract Mixed Numbers

Another Look!

A park ranger had $4\frac{1}{8}$ cups of birdseed. He bought $6\frac{1}{4}$ more cups of birdseed. Then he filled the park's bird feeders, using $2\frac{1}{2}$ cups of birdseed. How much birdseed is left?

You can write an expression to help solve the problem: $(4\frac{1}{8} + 6\frac{1}{4}) - 2\frac{1}{2}$



Always perform operations in parentheses first.

Step 1

Add the mixed numbers in parentheses first. Find a common denominator.

$$\begin{array}{r}
 4\frac{1}{8} + 6\frac{1}{4} \\
 \downarrow \quad \downarrow \\
 4\frac{1}{8} + 6\frac{2}{8} = 10\frac{3}{8}
 \end{array}$$

Step 2

Subtract $2\frac{1}{2}$ from the sum you found. Find a common denominator.

$$\begin{array}{r}
 10\frac{3}{8} - 2\frac{1}{2} \\
 \downarrow \quad \downarrow \\
 10\frac{3}{8} - 2\frac{4}{8} \\
 \downarrow \quad \downarrow \\
 9\frac{11}{8} - 2\frac{4}{8} = 7\frac{7}{8}
 \end{array}$$

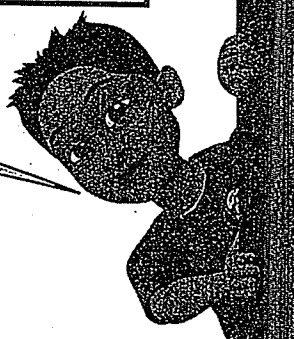
You can't subtract $\frac{4}{8}$ from $\frac{3}{8}$.
 Regroup $10\frac{3}{8}$ as $9\frac{11}{8}$.

Step 3

Find the difference.

So, there are $7\frac{7}{8}$ cups of birdseed left.

Remember to rename your answer as an equivalent mixed number.

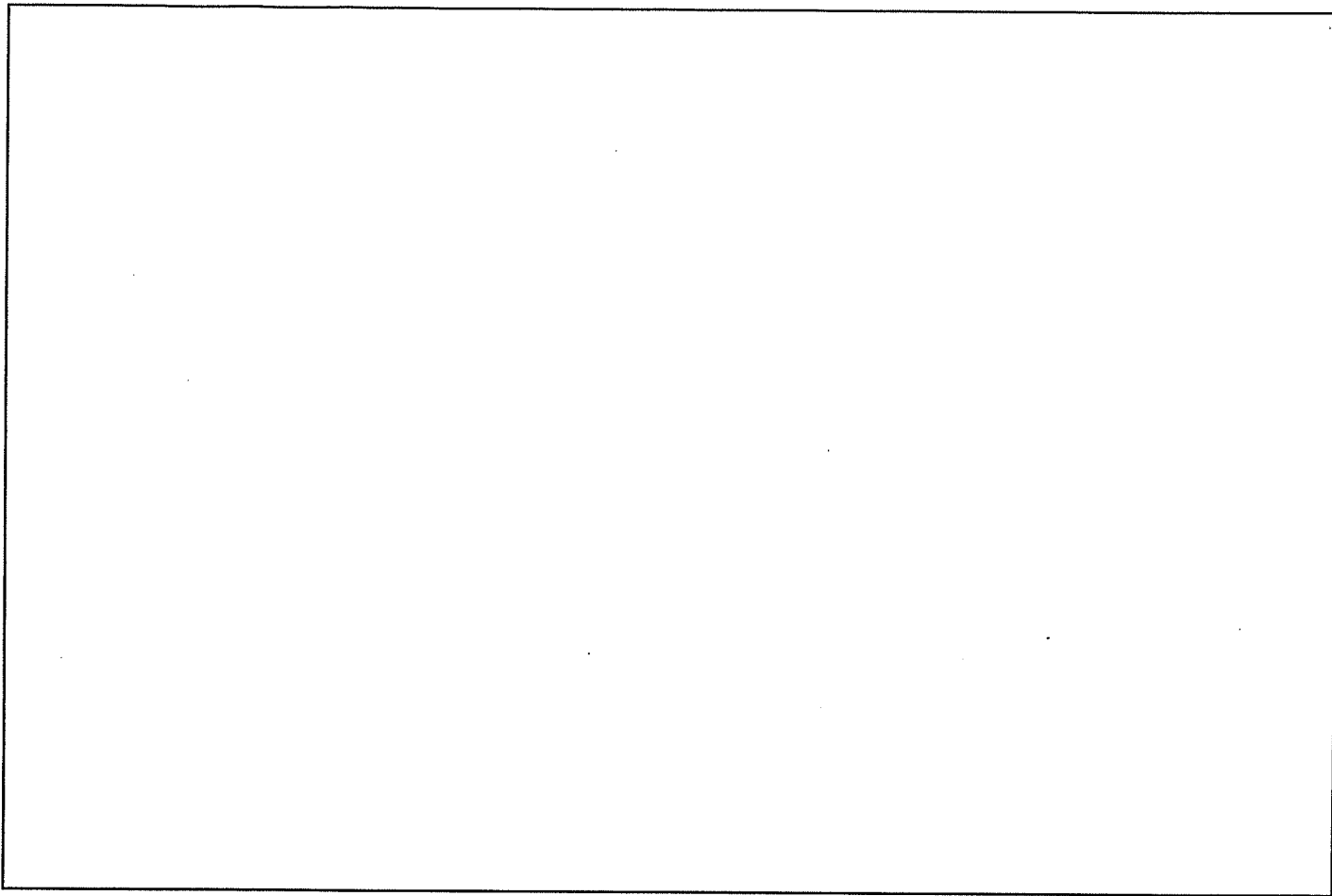


In 1-9, solve. Do the operation in parentheses first.

1. $(5\frac{1}{2} + 2\frac{3}{4}) - 3\frac{1}{2}$
2. $10\frac{5}{16} - (5\frac{1}{4} + 2\frac{9}{16})$
3. $5\frac{3}{8} + (6\frac{3}{4} - 4\frac{1}{8})$
4. ~~$\frac{6}{9} + \frac{5}{18} + 1\frac{3}{6}$~~
5. ~~$1\frac{4}{10} + 1\frac{3}{20} + 1\frac{1}{5}$~~
6. $(4\frac{2}{3} + 1\frac{1}{6}) - 1\frac{5}{6}$
7. ~~$(3\frac{3}{8} - 1\frac{1}{5}) + 1\frac{7}{8}$~~
8. ~~$1\frac{6}{7} + (4\frac{13}{14} - 3\frac{1}{2})$~~
9. ~~$10\frac{5}{8} > (4\frac{3}{4} + 2\frac{5}{8})$~~

February 23, 2021

Jack used $1\frac{1}{2}$ cups of white flour in a muffin recipe. He also used $1\frac{2}{3}$ cups of buckwheat flour. How much flour did he use in all?

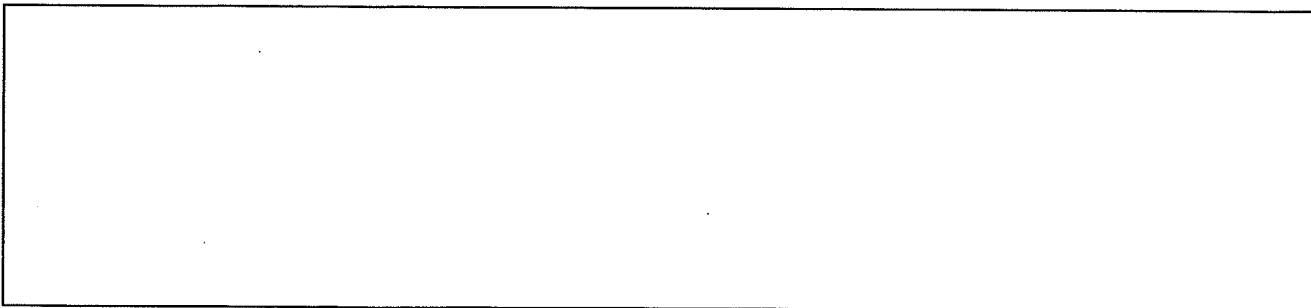


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Tuesday, 2/23/21

Exit Ticket Lesson 7-12

Draw a bar diagram and write an equation to solve.

Justin jogs $3\frac{2}{5}$ miles every morning. He jogs $4\frac{6}{10}$ miles every evening. How many miles does he jog every day?



Practice



Video



Tools



Games

Additional Practice 7-12 Model with Math

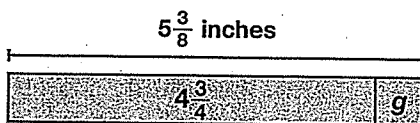
Another Look!

Each Monday in science class, students measure the height of their plants. In week 3, Andrew's plant was $4\frac{3}{4}$ inches tall. In week 4, his plant was $5\frac{3}{8}$ inches tall. How much had the plant grown from week 3 to week 4?

Tell how you can use math to model the problem.

- I can use math I know to help solve the problem.
- I can use bar diagrams and equations to represent and solve this problem.

Draw a bar diagram and write an equation to solve.



$$\begin{array}{r} 5\frac{3}{8} = 4\frac{11}{8} \\ - 4\frac{3}{4} = 4\frac{6}{8} \\ \hline \phantom{5\frac{3}{8}} = \frac{5}{8} \end{array}$$

$$4\frac{3}{4} + g = 5\frac{3}{8}$$

The plant grew $\frac{5}{8}$ inch.

When you model with math, you use the math you know to solve new problems.



Model with Math

Mrs. Lohens made curtains for her children's bedrooms. She used $4\frac{3}{4}$ yards of fabric for Nicky's room and $6\frac{5}{8}$ yards for Linda's room. How much fabric did she use in all?

1. Draw a diagram and write an equation to represent the problem.

2. Solve the equation. What fraction computations did you do?

3. How much fabric did Mrs. Lohens use for the curtains?



February 24, 2021

Clara and Erin volunteered at an animal shelter for a total of $9\frac{5}{6}$ hours. Clara worked for $4\frac{1}{3}$ hours. How many hours did Erin work?

Answer (with unit): _____

Equation that matches your work:

Explain your thinking:

Wednesday, 2/24/21

Exit Ticket Test Review 1

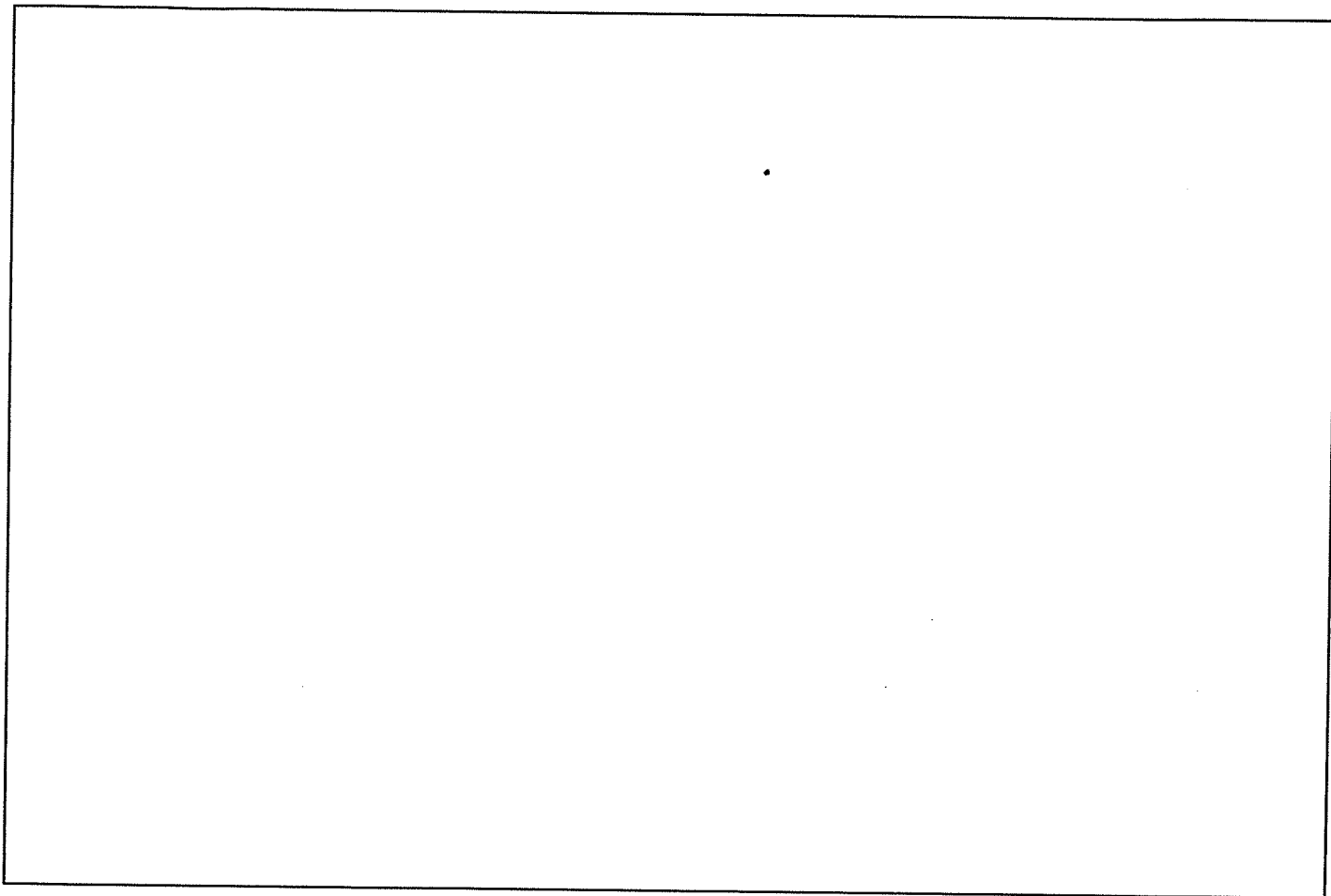
Find each sum or difference.

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

2. $\frac{1}{2} + \frac{3}{10}$

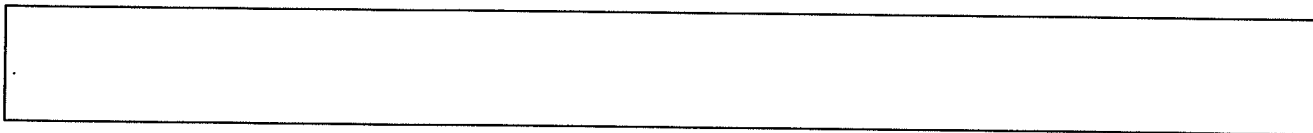
February 25, 2021

Evan walks $2\frac{1}{8}$ miles to his aunt's house. He has already walked $\frac{3}{4}$ mile. How much farther does he have to go?

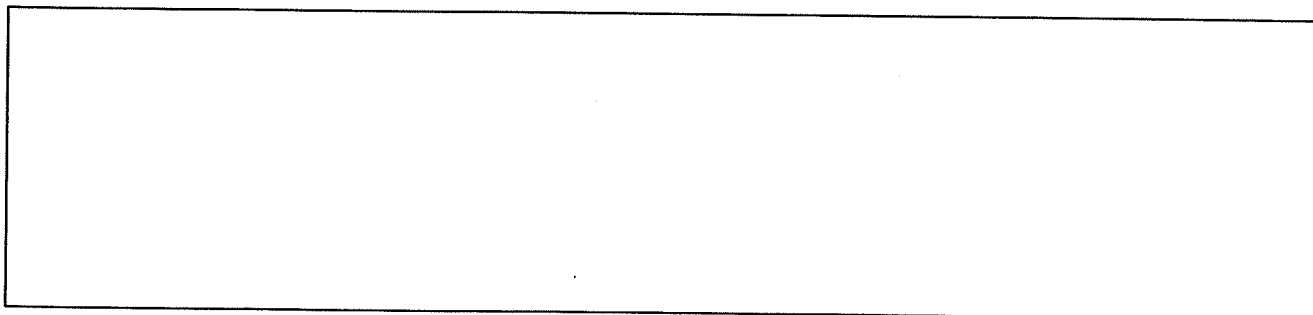


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Find each sum or difference.

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

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

Name _____ Date _____

Topic 7 Assessment

1. What is the difference of $\frac{7}{8} - \frac{1}{3}$?

2. What is the sum of $\frac{1}{2} + \frac{1}{4}$?

3. The distance from Alison's house to the mailbox is $\frac{2}{5}$ mile. The distance from the mailbox to the bus stop is $\frac{1}{3}$ mile. What is the total distance from Alison's house to the bus stop?

4. What is the difference of $7\frac{1}{6} - 3\frac{5}{8}$?

5. Philip ran $4\frac{3}{8}$ miles yesterday. Michael ran $1\frac{5}{8}$ miles yesterday. How much farther did Philip run than Michael?

6. What is $5\frac{1}{2} + 2\frac{1}{7}$?

7. Gretchen rode her snowmobile $1\frac{1}{4}$ miles to a snowmobile trail. She rode on the trail for $5\frac{5}{6}$ miles and then rode back home. Which addition sentence shows how many miles Gretchen rode in all?

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

B. $1\frac{1}{4} + 5\frac{5}{6} = 7\frac{1}{12}$

C. $1\frac{1}{4} + 5\frac{5}{6} + 1\frac{1}{4} = 8\frac{1}{3}$

D. $1\frac{1}{4} + 5\frac{5}{6} + 1\frac{1}{4} = 7\frac{1}{2}$

8. Daniel hiked $4\frac{5}{8}$ miles on Saturday and $4\frac{1}{2}$ miles on Sunday. How many miles did he hike in all?

9. Braden jumped $9\frac{5}{16}$ feet in the long jump. Jordan jumped $8\frac{7}{8}$ feet. How much farther did Braden jump than Jordan?

10. Which is the sum $8\frac{3}{4} + 2\frac{1}{2}$?

11. Which fraction can be replaced with $\frac{1}{2}$ when estimating with fractions?

$\frac{10}{12}$

$\frac{7}{16}$

$\frac{2}{9}$

$\frac{1}{8}$

12. Which of the following is a common denominator of $\frac{3}{4}$ and $\frac{1}{5}$?

A. 35

B. 20

C. 15

D. 30

13. Which fractions are equivalent to $\frac{4}{9}$? Choose Yes or No for each fraction.

A. $\frac{20}{36}$

B. $\frac{8}{18}$

C. $\frac{24}{25}$

D. $\frac{12}{27}$

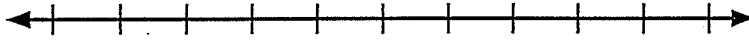
14. What is the difference of $\frac{5}{6} - \frac{5}{12}$?

Enrichment

Nifty Number Lines

Directions: Answer each question.

1 Locate 54.34 on the number line.



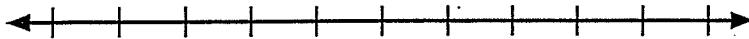
Which two tenths is 54.34 located between?

Which tenth is it closest to? _____

Round 54.34 to the nearest tenth. _____

2 Explain your reasoning.

2 Locate 24.567 on the number line.



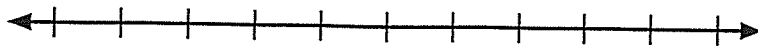
Round 24.567 to the nearest hundredth. _____

2 Explain your reasoning.

Closer To...

Directions: Answer each question.

- ① Locate 61.89 on the number line.



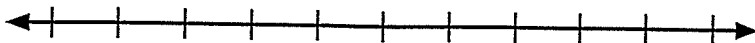
Which two tenths is 61.89 located between?

Which tenth is it closer to? _____

Round 61.89 to the nearest tenth. _____

- ✎ Explain your reasoning.

- ② Locate 17.611 on the number line.



Round 17.611 to the nearest hundredth. _____

- ✎ Explain your reasoning.

Name: _____

Date: _____

Quick ✓ Check

Directions: Draw a line to match each question to the correct answer.

①

Round 45.32 to the nearest tenth.

(A) 45.4

②

Round 45.35 to the nearest tenth.

(B) 45.33

③

Round 45.326 to the nearest hundredth.

(C) 45.3

(D) 45.35

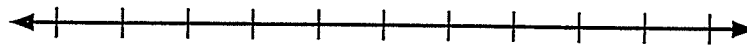
④

Round 45.349 to the nearest hundredth.

(E) 45.2

(F) 45.32

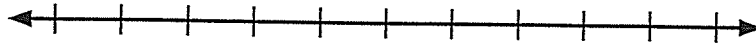
⑤ Round 89.237 to the nearest hundredth. Use the number line below. Explain your reasoning.



Refocus

Directions: Answer each question.

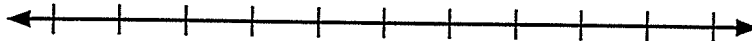
- ① Locate 4.7 on the number line.



Round 4.7 to the nearest one. _____

- ✎ Explain your reasoning.

- ② Locate 5.63 on the number line.



Round 5.63 to the nearest tenth. _____

- ✎ Explain your reasoning.

Name: _____ Date: _____

Independent Practice

Directions: Round each number to the nearest tenth.

① 7.23 _____	② 0.25 _____
③ 65.02 _____	④ 413.148 _____
⑤ 5,321.276 _____	⑥ 7,645.34 _____

Directions: Round each number to the nearest hundredth.

⑦ 0.341 _____	⑧ 6.086 _____
⑨ 78.450 _____	⑩ 459.918 _____
⑪ 3,489.485 _____	⑫ 5,695.537 _____

Enrichment

Enrichment

