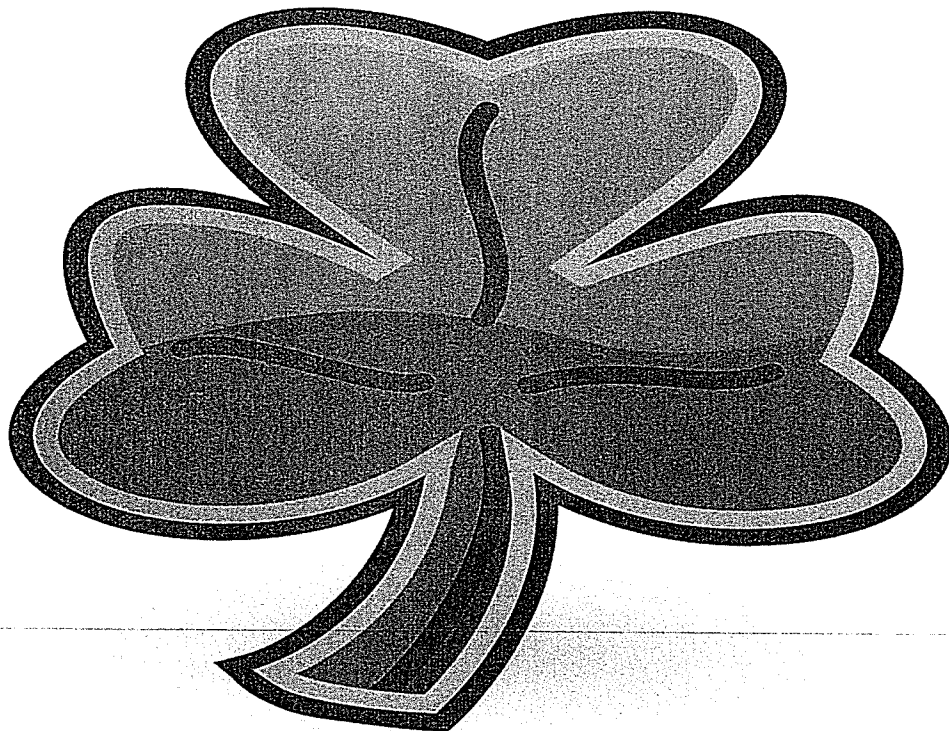


5th Grade Math

Week of March 1 - March 5, 2021

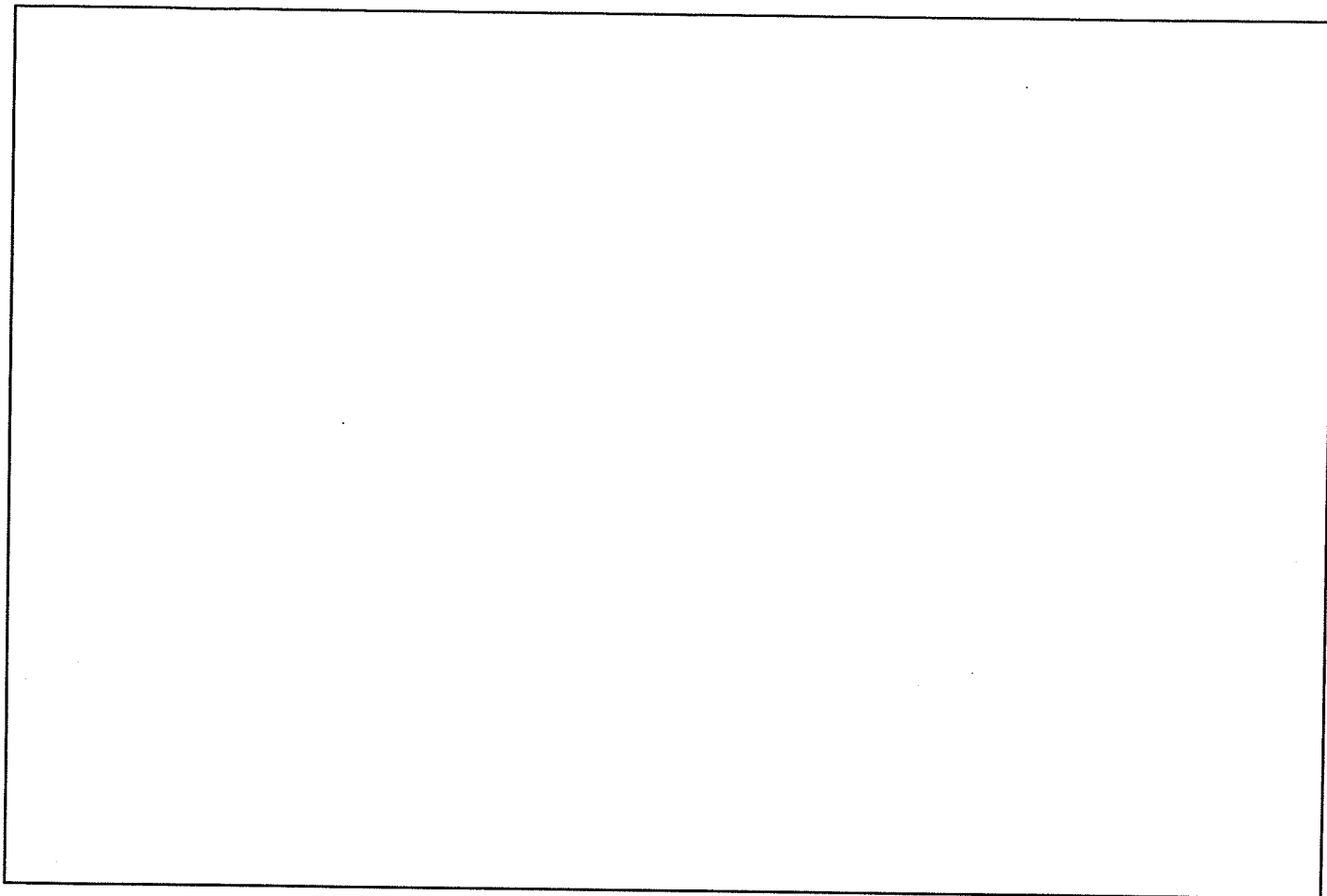


Name _____

* Please do not complete until advised by teacher*

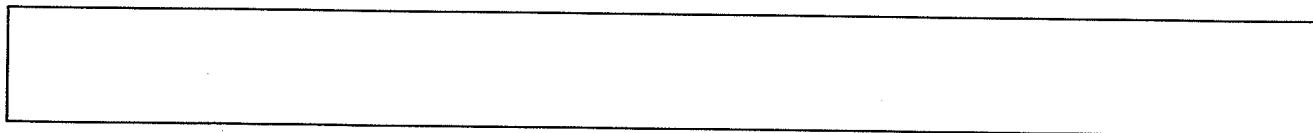
March 1, 2021

Sasha walked $\frac{1}{2}$ mile every day for 5 days. How far did she walk? Draw a picture or use any model to help you solve the problem.

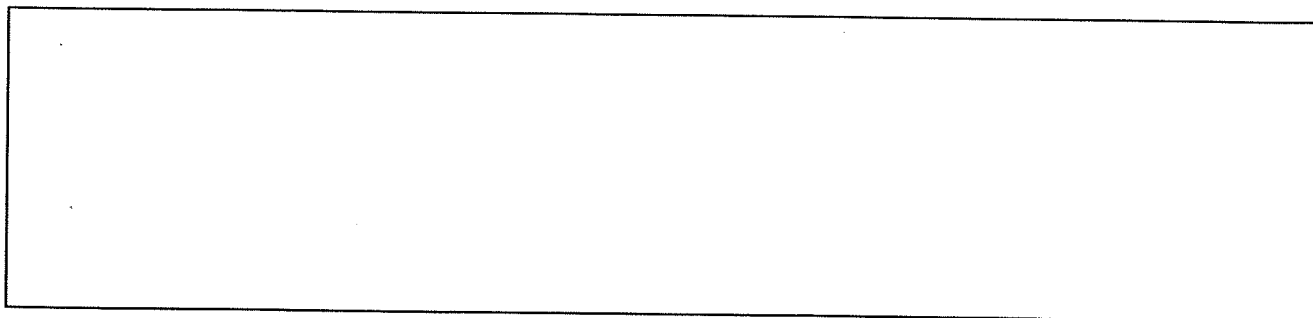


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Find each product.

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

2. $8 \times \frac{2}{3}$

3. Which expression is **not** equivalent to $4 \times \frac{2}{3}$?

a. $(4 \times 2) \div 3$

b. $\frac{1}{3} \times (2 \times 4)$

c. $(4 \times \frac{1}{3}) \times 2$

d. $(4 \times \frac{1}{3}) + (2 \times \frac{1}{3})$

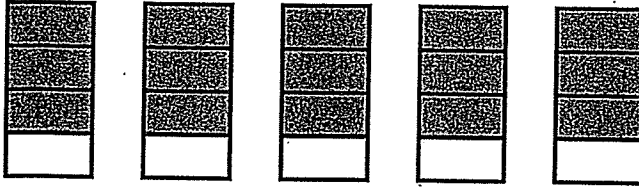
Name _____



Additional Practice 8-1
Multiply a Fraction by a Whole Number

Another Look!

Juan needs $\frac{3}{4}$ yard of fabric to make a pillowcase. How many yards of fabric will Juan need to sew 5 pillowcases?



Multiply the whole number by the numerator.

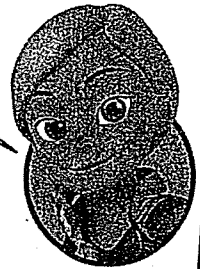
$$5 \times 3 = 15$$

Write the product over the denominator.

$$\frac{15}{4} = 3\frac{3}{4}$$

Juan will need $3\frac{3}{4}$ yards of fabric.

Remember: You can check your answer using repeated addition.



Levelled Practice In 1–11, find each product. Use models to help.

$$1. 72 \times \frac{5}{12} = \square \times 5 \times \frac{1}{12} = \frac{\square \times 1}{12} = \frac{360}{\square} = \square$$

$$2. 35 \times \frac{2}{5} = \square \times 2 \times \frac{1}{5} = \frac{\square \times 1}{5} = \frac{\square}{\square} = \square$$

$$3. 12 \times \frac{3}{4} = \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{4} = \square$$

4. $13 \times \frac{2}{3}$

5. $70 \times \frac{9}{10}$

6. $81 \times \frac{2}{9}$

7. $57 \times \frac{2}{3}$

8. $600 \times \frac{3}{10}$

9. $16 \times \frac{3}{5}$

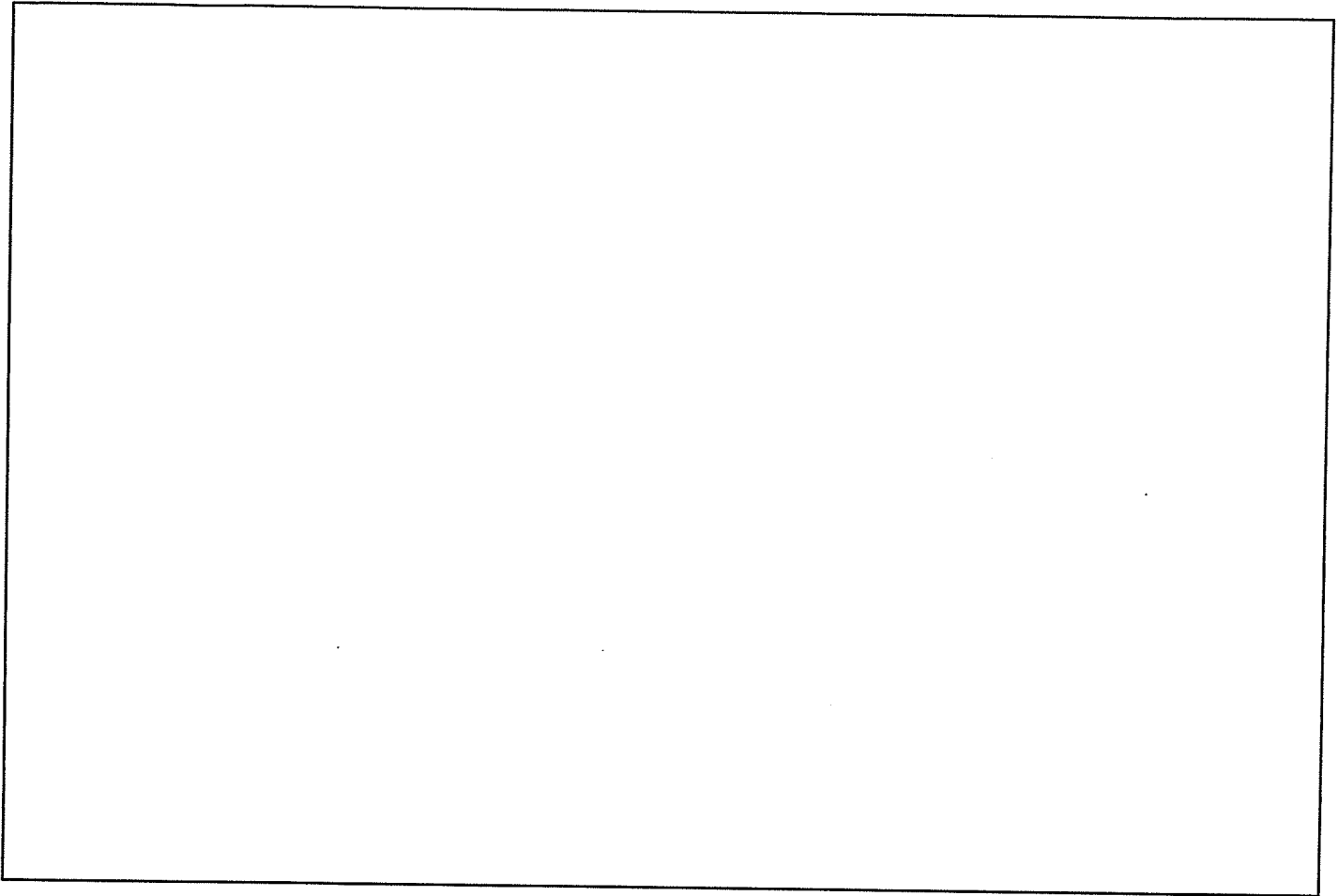
10. $400 \times \frac{1}{4}$

11. $48 \times \frac{5}{6}$



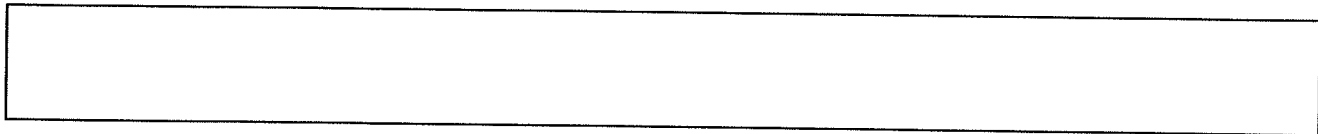
March 2, 2021

Brandon has 6 eggs. He needs $\frac{2}{3}$ of the eggs to make an omelet. How many eggs does he need?

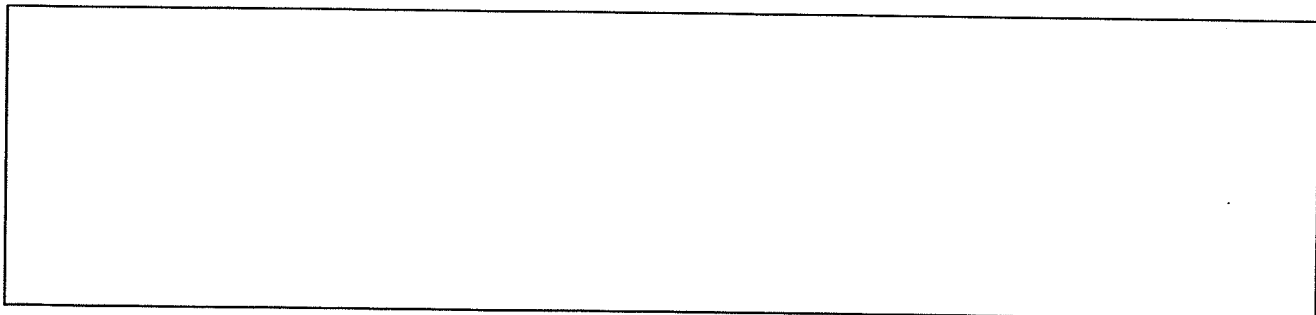


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Tuesday, 3/2/21

Exit Ticket Lesson 8-2

Solve each example by multiplying.

1. $5 \times \frac{2}{7}$

2. $\frac{2}{3} \times 6$

3. Each day after school, Mrs. Forbes walks $\frac{3}{4}$ mile. What is the total distance in miles that she walks after 4 days?
- a. 1
 - b. 2
 - c. 3
 - d. 4

Name _____



Additional Practice 8-2

Multiply a Whole Number by a Fraction

Another Look!

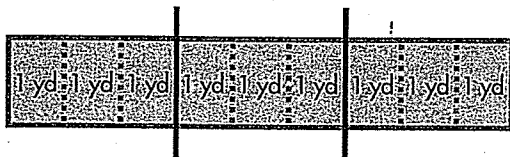
Tyler used $\frac{2}{3}$ of a 9-yard-long piece of fabric to make a jacket. What was the length of fabric, in yards, that he used?

Remember:
 $\frac{2}{3}$ of 9 means $\frac{2}{3} \times 9$



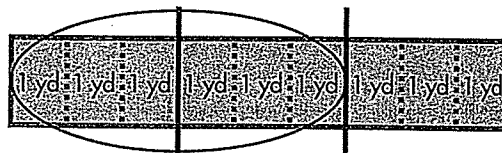
Step 1

Draw 9 pieces each representing 1 yard and separate them into 3 equal groups.



Step 2

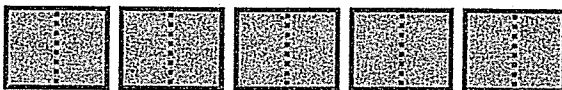
Circle 2 of the groups.



So, Tyler used 6 yards of fabric.

Leveled Practice In 1–8, find each product. Use models to help.

1. $\frac{5}{10} \times 5$



2. $\frac{3}{5} \times 10$



3. $\frac{5}{6} \times 3$

4. $\frac{5}{6}$ of 12

5. $\frac{3}{5}$ of 20

6. $\frac{2}{3}$ of 8

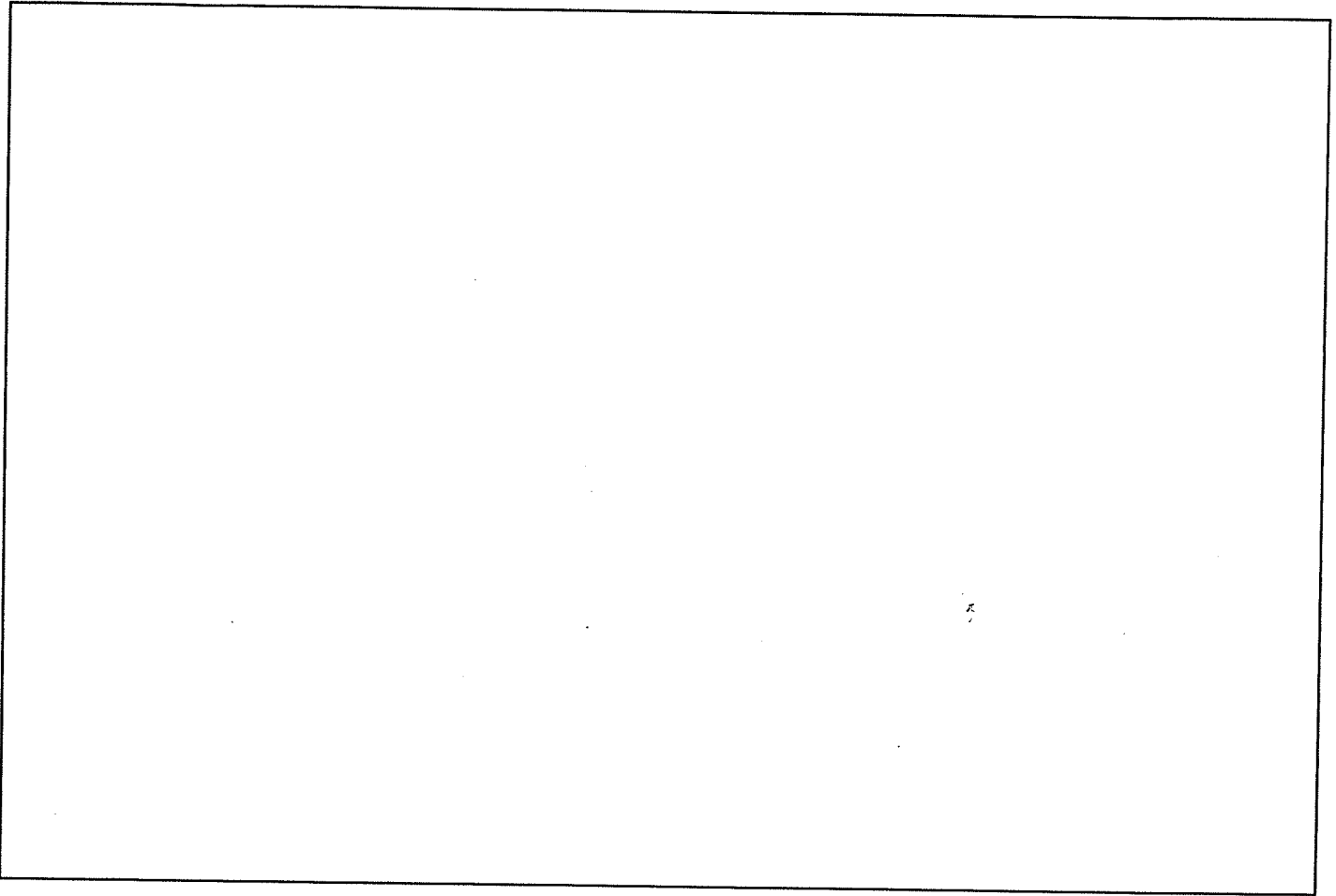
7. $\frac{2}{9} \times 3$

8. $\frac{4}{7} \times 10$



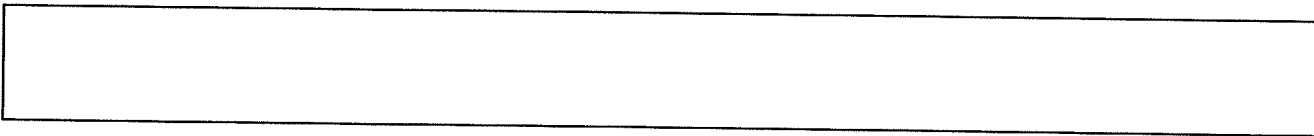
March 3, 2021

Julie has 10 yards of ribbon. She divides the ribbon into 3 equal pieces and uses 2 of the pieces on gifts. How much ribbon does she use? Solve this problem any way you choose.

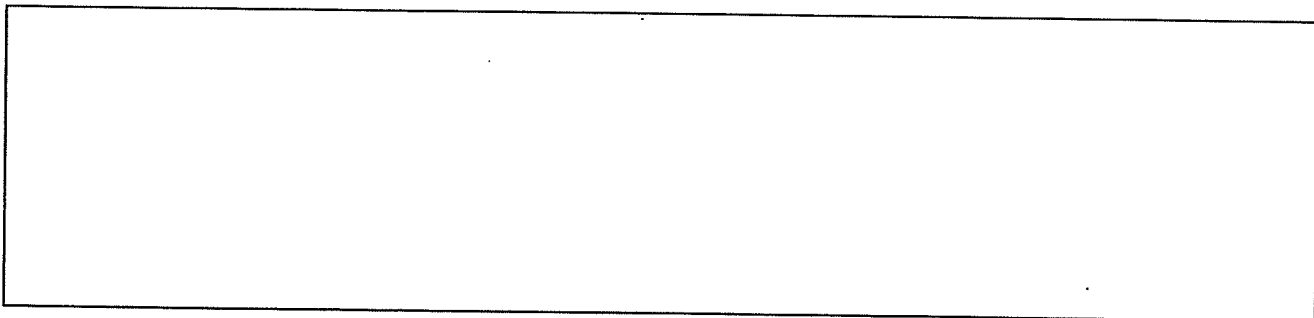


Answer (with unit): _____

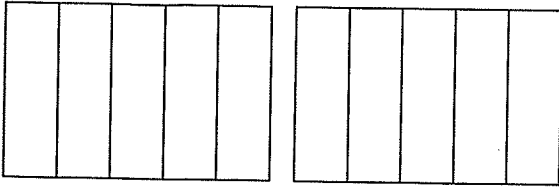
Equation that matches your work:



Explain your thinking:



1. The model below is shaded to represent an expression.



Which expression represents the model?

a. $\frac{1}{3} \times \frac{2}{5}$

b. $\frac{1}{3} \times \frac{5}{2}$

c. $3 \times \frac{2}{5}$

d. $3 \times \frac{5}{2}$

Solve each expression.

2. $4 \times \frac{2}{3}$

3. $\frac{11}{2} \times 4$

Name _____



Additional Practice 8-3
Multiply Fractions and Whole Numbers

Another Look!

Lorena has a 16-inch long scarf, and $\frac{2}{3}$ of its length is red. How many inches long is the red section of the scarf?

Since you are multiplying 16 by a fraction less than 1, the answer will be less than 16.



<p>Step 1 Multiply. $\frac{2}{3} \times 16 = \frac{2 \times 16}{3} = \frac{32}{3}$</p>	<p>Step 2 Rewrite as a mixed number. $\frac{32}{3} = 10\frac{2}{3}$</p>	<p>Step 3 Answer the question. The red section of the scarf is $10\frac{2}{3}$ inches long.</p>
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Leveled Practice In 1–16, find each product. Write each product as a mixed number.

1. $26 \times \frac{3}{4} = \frac{\square \times \square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$

2. $9 \times \frac{7}{10} = \frac{\square \times \square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$

3. $\frac{2}{5} \times 32 = \frac{\square \times \square}{\square} = \frac{\square}{\square} = \square \frac{\square}{\square}$

4. $\frac{1}{8} \times 400 = \frac{\square \times \square}{\square} = \frac{\square}{\square} = \square$

5. $15 \times \frac{4}{5}$

6. $\frac{3}{11} \times 66$

7. $45 \times \frac{3}{8}$

8. $\frac{3}{10} \times 12$

9. $55 \times \frac{2}{5}$

10. $\frac{5}{6} \times 40$

11. $\frac{7}{9} \times 54$

12. $600 \times \frac{5}{12}$

13. $\frac{2}{3} \times 21$

14. $500 \times \frac{3}{5}$

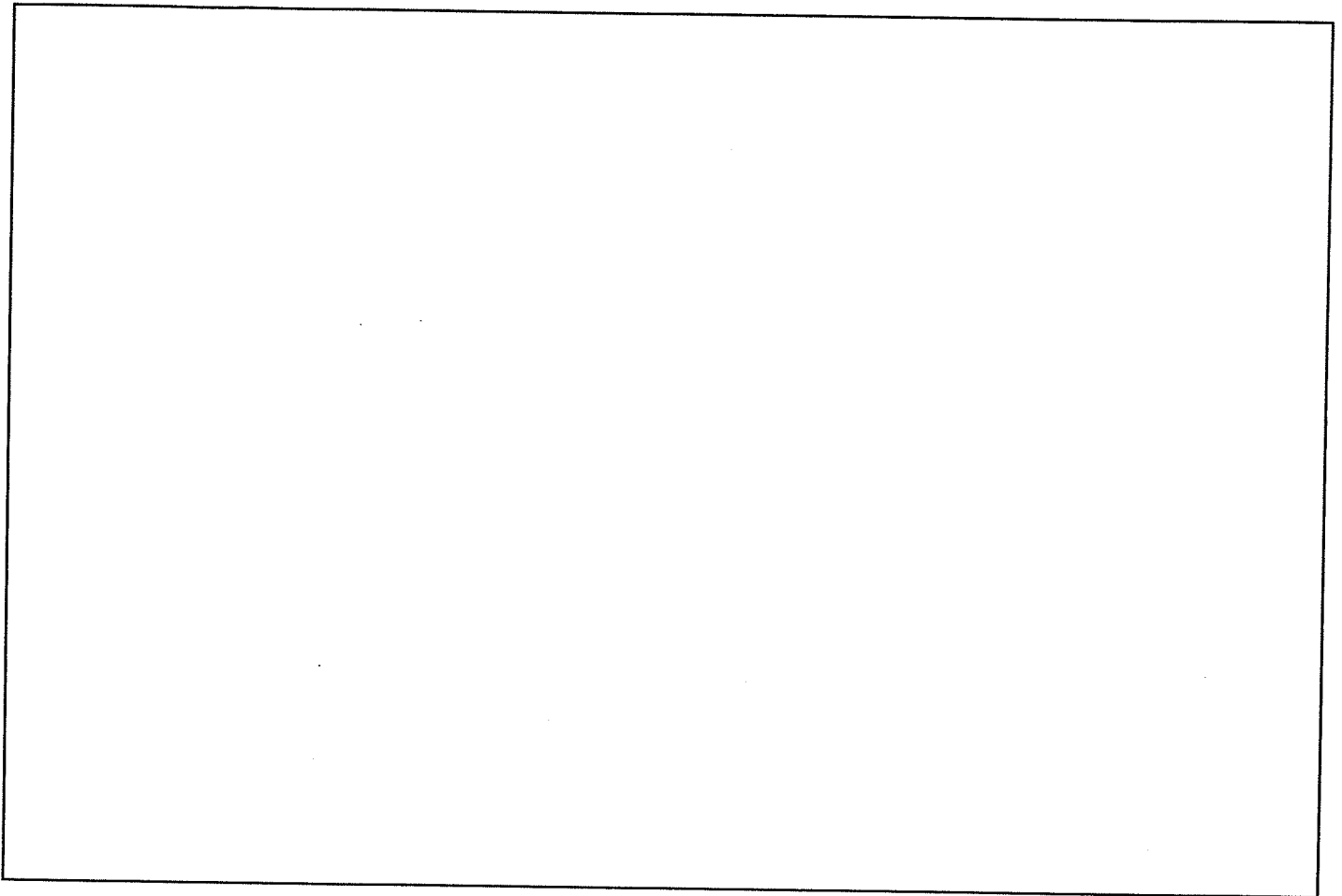
15. $72 \times \frac{5}{8}$

16. $\frac{2}{9} \times 35$



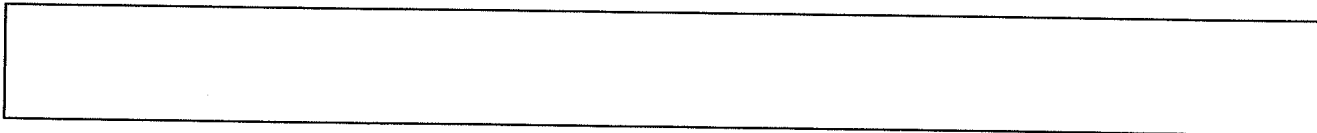
March 5, 2021

Maggie has 48 stickers. One-eighth of the stickers are scented. How many stickers are scented?

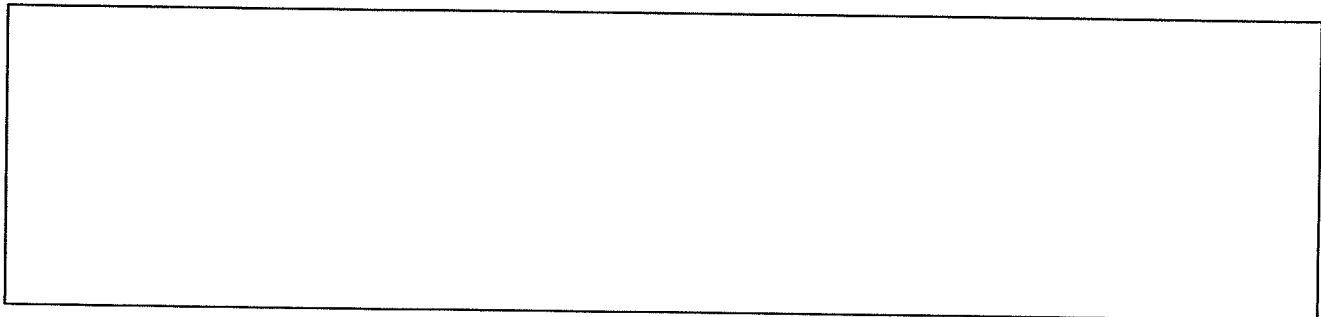


Answer (with unit): _____

Equation that matches your work:



Explain your thinking:



Find each product. Use models to help if needed.

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

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

Enrichment

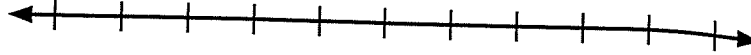
Enrichment

Enrichment

Closer To...

Directions: Answer each question.


- 1 Locate 61.89 on the number line.



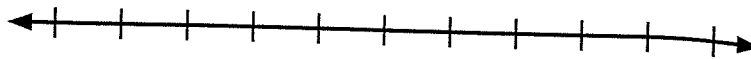
Which two tenths is 61.89 located between?

Which tenth is it closer to? _____


Round 61.89 to the nearest tenth. _____

-  Explain your reasoning.

- 2 Locate 17.611 on the number line.



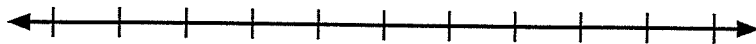
Round 17.611 to the nearest hundredth. _____

-  Explain your reasoning.

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.

Quick ✓ Check

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

①

Round 45.32 to the nearest tenth.

Ⓐ 45.4

②

Round 45.35 to the nearest tenth.

Ⓑ 45.33

③

Round 45.326 to the nearest hundredth.

Ⓒ 45.3

Ⓓ 45.35

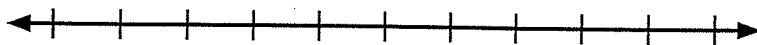
④

Round 45.349 to the nearest hundredth.

Ⓔ 45.2

Ⓕ 45.32

- ⑤ Round 89.237 to the nearest hundredth. Use the number line below. 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 _____