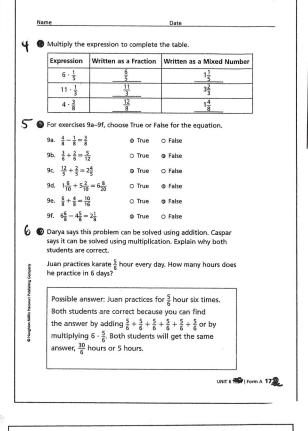
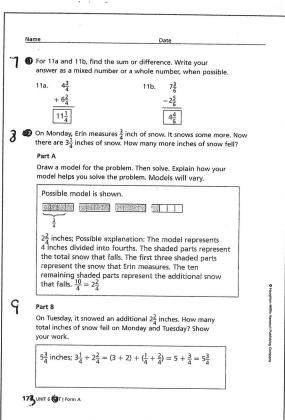
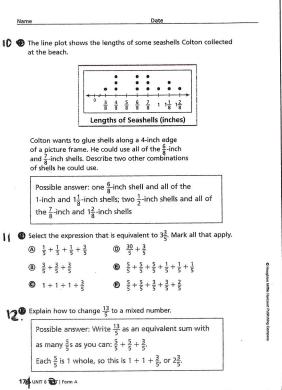
Math Test Notice

Dear Parent(s) and Student,
We will be having a post assessment over the Unit 6; Fraction concepts on
The attached study guide is an excellent way to review and practice for the final test. It would also be helpful to use the CORE book to review the necessary skills. The test will cover concepts from lessons 1-10.
There are also two resources we use in class that would be helpful while you're reviewing. The CORE and HW & Remembering books have examples of problems we have worked on. Students may complete any incomplete problems as practice for the test.
Please note that if this study guide is signed and returned on the day of the review, you will receive extra credit toward your overall subject grade.
There is an answer key included in the back of this letter (for parents' eyes only). Thank you!
Good luck and happy studying!
I have reviewed the Unit 6 concepts with my child.
Parent signature
Student signature
Date:

	Study Guicle - For Perents eyes Unit 6 Perent Page Date Date
	Represent the shaded part of the fraction bar as the product of a whole number and a unit fraction. $\frac{1}{12} \frac{1}{12} \frac{1}{12} \frac{1}{12}$
	$\frac{8}{12} = 8 \cdot \frac{1}{12}$
	② In the morning, Kateri rides her bike for $\frac{2}{5}$ hour. After lunch, she rides her bike for another $\frac{1}{5}$ hour. How long, does Kateri ride her bike? Write an equation. Then solve. Equations may vary. $\frac{r=\frac{2}{5}+\frac{1}{5}}{\text{Solution:}} \frac{r=\frac{2}{5} \text{ hr}}{\text{Solution:}}$ Solution: $\frac{r=\frac{3}{5} \text{ hr}}{\text{Morning for exercises } 3a-3d, \text{ write a fraction from the tiles to make a true equation.}$
Publishing Company	3a. $\frac{8}{8} = \frac{3}{8} + \frac{2}{8} + \frac{3}{8}$ 3c. $\frac{5}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{2}{8}$
O Houghton Millia Harcourt Publishing Company	3b. $1 = \frac{1}{8} + \frac{3}{8} + \frac{4}{8}$ 3d. $\frac{4}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$
	UNIT & TEST Form A 171

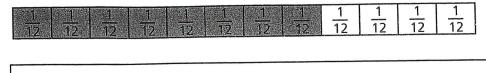


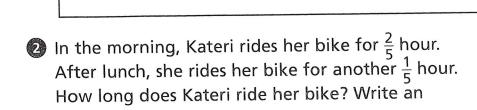




fc

Represent the shaded part of the fraction bar as the product of a whole number and a unit fraction.





Equation: _____

equation. Then solve.

Solution: _____

For exercises 3a–3d, write a fraction from the tiles to make a true equation.









3a.
$$\frac{8}{8} = \frac{3}{8} + \frac{2}{8} + \frac{2}{8}$$

$$3c. \quad \frac{5}{8} = \frac{1}{8} + \frac{1}{8}$$

3b.
$$1 = \frac{1}{8} + \frac{3}{8} + \boxed{}$$

3d.
$$\frac{4}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$



Multiply the expression to complete the table.

Expression	Written as a Fraction	Written as a Mixed Number
$6 \cdot \frac{1}{5}$		
$11 \cdot \frac{1}{3}$		32/3
$4 \cdot \frac{3}{8}$		

For exercises 9a–9f, choose True or False for the equation.

- 9a. $\frac{4}{8} \frac{1}{8} = \frac{3}{8}$
- O True
- O True
- False

O False

9c. $\frac{12}{5} + \frac{2}{5} = 2\frac{4}{5}$

9b. $\frac{3}{6} + \frac{2}{6} = \frac{5}{12}$

- True False
- 9d. $1\frac{6}{10} + 5\frac{2}{10} = 6\frac{8}{20}$ O True
- False
- 9e. $\frac{6}{8} + \frac{4}{8} = \frac{10}{16}$ O True
- False

- 9f. $6\frac{6}{8} 4\frac{5}{8} = 2\frac{1}{8}$
- O True
- O False

Darya says this problem can be solved using addition. Caspar says it can be solved using multiplication. Explain why both students are correct.

> Juan practices karate $\frac{5}{6}$ hour every day. How many hours does he practice in 6 days?

Tor 11a and 11b, find the sum or difference. Write your answer as a mixed number or a whole number, when possible.

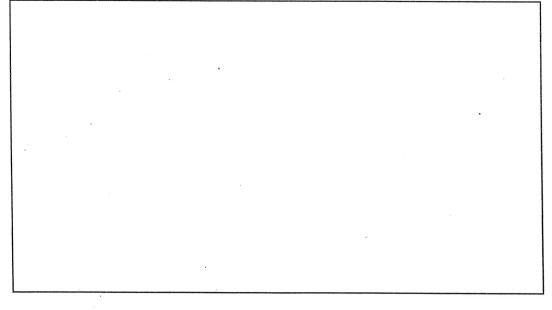
11a. $4\frac{3}{4}$ $+ 6\frac{2}{4}$

11b. $7\frac{3}{6}$ $-2\frac{5}{6}$

9 On Monday, Erin measures $\frac{3}{4}$ inch of snow. It snows some more. Now there are $3\frac{1}{4}$ inches of snow. How many more inches of snow fell?

Part A

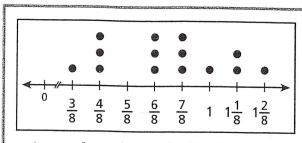
Draw a model for the problem. Then solve. Explain how your model helps you solve the problem.



Q Part B

On Tuesday, it snowed an additional $2\frac{2}{4}$ inches. How many total inches of snow fell on Monday and Tuesday? Show your work.

The line plot shows the lengths of some seashells Colton collected at the beach.



Lengths of Seashells (inches)

Colton wants to glue shells along a 4-inch edge of a picture frame. He could use all of the $\frac{6}{8}$ -inch and $\frac{7}{8}$ -inch shells. Describe two other combinations of shells he could use.



Select the expression that is equivalent to $3\frac{3}{5}$. Mark all that apply.

(A)
$$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{3}{5}$$
 (D) $\frac{30}{5} + \frac{3}{5}$

①
$$\frac{30}{5} + \frac{3}{5}$$

(B)
$$\frac{3}{5} + \frac{3}{5} + \frac{3}{5}$$

(B)
$$\frac{3}{5} + \frac{3}{5} + \frac{3}{5}$$
 (E) $\frac{5}{5} + \frac{5}{5} + \frac{5}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5}$

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$$1+1+1+\frac{3}{5}$$

Explain how to change $\frac{13}{5}$ to a mixed number.