

Super-Journal Week 3:5

Every night, you should be reading at least 30 minutes of whatever book you have checked out from your assigned reading list. Tape or glue (but do not staple) this sheet into your Super-Journal on the left-side page. Fill in the table below every day by recording the required data.

Day	Title	Start Pg.	End Pg.	Parent Sign.
Monday				
Tuesday				
Wednesday				
Thursday				
Friday				
Saturday				
Sunday				

On the right-side page of your Super-Journal, answer two of the questions below throughout the week. Be sure that the questions you choose to answer go with the appropriate type of book (Fiction or Nonfiction). The Super-Journal is due on the first day after the weekend (usually Monday). To earn credit for your journal entry, you must respond in at least five complete sentences per response and use specific evidence from the text to support your claim based on what you've read this week.

FICTION

- Who is telling the story in the selection?
- Is the selection/story written in the first or third person? How do you know?

NONFICTION

- Who is providing the information?
- Is the information provided from a firsthand or secondhand account? How do you know?

RL.2.6/RI.2.6

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NONFICTION

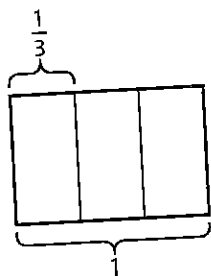
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**Understanding of Division
with Unit Fractions**

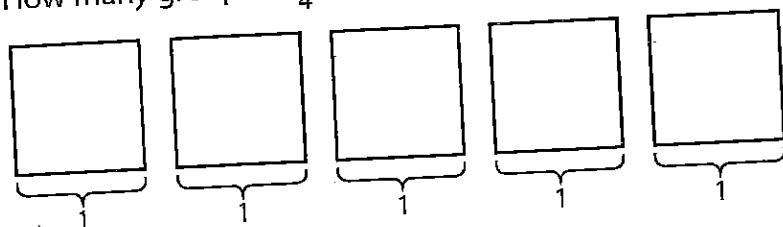
23

- 1** What is $\frac{1}{3}$ divided into 2 equal parts? Draw on the area model to solve the problem.



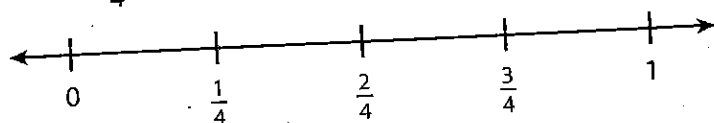
$$\frac{1}{3} \div 2 = \underline{\hspace{2cm}}$$

- 2** How many groups of $\frac{1}{4}$ are in 5? Draw on the area model to solve the problem.



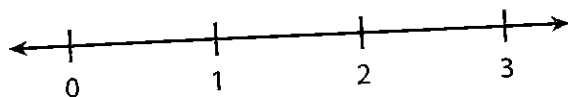
$$5 \div \frac{1}{4} = \underline{\hspace{2cm}}$$

- 3** What is $\frac{1}{4}$ divided into 2 equal parts? Draw on the number line to solve the problem.



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

- 4** How many groups of $\frac{1}{5}$ are in 3? Draw on the number line to solve the problem.



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

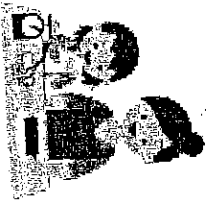
- 5** Which method do you like best when dividing with unit fractions?

Fraction word problems (Unit fraction)

Grade 5 Word Problems Worksheets

Read and answer each question:

1. A baker is making croissants. He has 18 pounds of dough. Each croissant is made from $\frac{1}{6}$ pounds of dough. How many croissants can he make?
2. The kitchen assistant is helping the chef to serve soup. The chef made 3 pots of soup and the assistant is putting $\frac{1}{16}$ cups of cream on top of the soup in each bowl. There are 12 cups of cream. How many bowls of soup can the assistant help prepare?
3. According to the food label on a box of cookies, each box has 16 servings and each serving contains 4 cookies. The weight of the box of cookies is $\frac{1}{2}$ kilograms. What is the weight of each cookie?
4. Grandma made an apple pie. Josh and his brother Joe finished $\frac{4}{5}$ of it. Then, three friends came over and shared the leftover pie. How much of the pie did each friend eat?
5. Each batch of cupcake mix requires $\frac{1}{3}$ of a cup of milk. According to the recipe, the batch can make 12 small cupcakes or 8 large cupcakes. If Emma makes a batch of large cupcakes, how much milk is used for each cupcake?
6. Olivia used $\frac{1}{2}$ pound of peppers and $\frac{1}{15}$ pound of cheese to make 3 pizzas. If she uses the same recipe to make 5 pizzas, how much cheese is needed?



Fraction word problems (Unit fraction)

Grade 5 Word Problems Worksheets

Read and answer each question:

1. The time to manufacture a pair of headphones on each assembly line is $\frac{1}{3}$ hour. If there are 24 assembly lines and they operate 8 hours a day, how many pairs of headphones can be manufactured in a day?
2. $\frac{1}{8}$ gram of copper and $\frac{1}{3}$ gram of silicone is used to manufacture 30 headphones. How much silicone is used in each pair of headphones?
3. To make sure the machines in the factory run smoothly, the mechanics need to add $\frac{1}{2}$ liter of oil to the machine every Monday. One Monday, a mechanic can only find 12 liters of oil in the storage. Is there enough oil for 65 machines?
4. A team of 6 workers at the factory is responsible to check the quality of the headphones manufactured. They have a $\frac{1}{2}$ hour to do quick tests on 15 randomly selected headphones. How many minutes do the workers have to test each pair of headphones?
5. Usually, $\frac{1}{1000}$ of the headphones cannot pass the tests. If they found 5 headphones failing, how many headphones did the workers test?
6. After the headphones are tested, each pair of headphones are packed in a small box. Each small box is $\frac{1}{4}$ cubic foot. How many boxes of headphones can fit into a truck with a cargo compartment of 60 cubic feet?

