

Name: \_\_\_\_\_ Number: \_\_\_\_\_

Solve each question below.

Olivia has  $\frac{1}{2}$  pound of raisins. She plans to eat them for snacks over the next 6 days. If she eats the same amount each day, what fraction of a pound of raisins will she eat each day?

**Show your work.**

How can you use multiplication to solve this problem?



*Solution:* \_\_\_\_\_

At noon Ada and Kent had  $\frac{3}{8}$  gallon of lemonade left at their lemonade stand. The next customer bought  $\frac{1}{3}$  of the remaining lemonade. How much lemonade did the customer buy?

**Show your work.**

*Solution:* \_\_\_\_\_

Name: \_\_\_\_\_ Number: \_\_\_\_\_

How many minutes are in  $\frac{2}{3}$  hour? How many minutes are in  $\frac{3}{5}$  of that time?

How many minutes are in an hour?



Solution: \_\_\_\_\_

Derek has  $\frac{1}{4}$  gallon of white paint. He pours an equal amount into 3 containers so he and his friends can paint different sections of a fence at the same time. What fraction of a gallon of paint is in each container?

- A**  $\frac{3}{4}$  gallon                      **C**  $\frac{1}{12}$  gallon  
**B**  $\frac{1}{9}$  gallon                        **D**  $\frac{1}{16}$  gallon

How could I represent this problem using an equation?



Wendy chose **A** as the correct answer. How did she get that answer?

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Tell whether each equation showing a mixed number written as a fraction is *True* or *False*

- a.  $1\frac{3}{4} = \frac{7}{4}$        True     False
- b.  $4\frac{2}{5} = \frac{22}{5}$        True     False
- c.  $3\frac{2}{3} = \frac{11}{2}$        True     False
- d.  $2\frac{7}{10} = \frac{27}{10}$        True     False


How do you know what the denominator is when you write a mixed number as a fraction?



Camilla's class played soccer for  $\frac{2}{3}$  hour. She played for  $\frac{3}{5}$  of the game. How much time did Camilla play?

- A**  $\frac{5}{15}$  hour                      **C**  $\frac{5}{8}$  hour
- B**  $\frac{6}{15}$  hour                      **D**  $\frac{6}{8}$  hour

What equation can I write to solve this problem?



Will chose **A** as the correct answer. How did he get that answer?

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

$(6 \times 2 + 8^2) - 8$

$(39 - 3) \div 6 + 7^2$

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Ivy tracked the time she spent playing sports every day for five days.

She listed each time in minutes.

64    73    45    53    60

What are the mean and median of Ivy's data set?

mean \_\_\_\_\_    median \_\_\_\_\_

Zeke has a rope that is  $2\frac{4}{5}$  feet long. Kerri's rope is  $3\frac{2}{3}$  feet long. Which equation can be used to find how much longer Kerri's rope is than Zeke's rope?

Select *Yes* or *No* for each equation.

a.  $\frac{14}{3} - \frac{11}{3} = ?$        Yes     No

b.  $3\frac{2}{3} - \frac{14}{3} = ?$        Yes     No

c.  $3\frac{10}{15} - 2\frac{12}{15} = ?$        Yes     No

d.  $\frac{55}{15} - \frac{42}{15} = ?$        Yes     No

