

Name: _____

Fraction Expressions Word Problems

BEVERLY'S STRAWBERRY MILK



Beverly bought strawberry milk for herself each month and recorded the amount in the table below.

Part I: Write an expression that records the calculation described for each of the following:

- a.) She bought $\frac{1}{4}$ of July's total in June.

- b.) She bought $\frac{3}{4}$ as much in September as she did in January and July combined.

- c.) In April, she bought $\frac{1}{2}$ gallon less than twice as much as she bought in August.

Month	Amount (in gallons)
January	3
February	2
March	$1\frac{1}{4}$
April	
May	$1\frac{3}{4}$
June	
July	2
August	1
September	
October	$\frac{1}{4}$

Part II: Complete the Table

d.) Fill in all of the missing data on the table.

Part III: Analysis Question

e.) How many gallons of strawberry milk did Beverly buy from January to October?

ANSWER KEY

Part I:

- a.) $\frac{1}{2}$ gallon; expressions will vary.
- b.) $3\frac{3}{4}$ gallons; expressions will vary.
- c.) $1\frac{1}{2}$ gallons; expressions will vary.

Part II:

Month	Amount (in gallons)
January	3
February	2
March	$1\frac{1}{4}$
April	$1\frac{1}{2}$
May	$1\frac{3}{4}$
June	$\frac{1}{2}$
July	2
August	1
September	$3\frac{3}{4}$
October	$\frac{1}{4}$

Part III:

- d.) 17 gallons