

Name: Class:

Fraction Of A Number Word Problems

a.

If Aaliyah started drinking $\frac{2}{5}$ of a carton of milk each day, how much milk will she drink on April?

b.

There were 12 pieces of pie in the fridge. Ariana ate $\frac{2}{4}$ of it.

How many pieces of pie did she eat?

c.

According to the recipe, $\frac{1}{3}$ of a kilogram of flour is needed to make 15 cupcakes.

What quantity of flour is needed to make 15 cupcakes?

d.

Maya drinks $\frac{1}{7}$ of a carton of milk each day.

How many cartons of milk will she drink in a week?

e.

Out of the 32 students in Miss. Clara's class, $\frac{1}{4}$ of them wear glasses.

How many students wear glasses in Miss. Clara's class?

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a.

Number of days in a month = 30.

Fraction of a carton of milk she drinks each day = $\frac{2}{5}$

Therefore, number of cartons of milk she will drink in a month =

Fraction of a carton of milk she drinks each day \times Number of days in a month.

$$= \frac{2}{5} \text{ of } 30 = \frac{2}{5} \times \frac{6}{1} = \frac{2 \times 6}{1} = 12$$

So, she will drink 12 cartons of milk in April.

b.

She ate 6 pieces of pie.

c.

5 kilograms of flour is needed to make 15 cupcakes .

d.

She will drink 1 cartons of milk in a week.

e.

8 students wear glasses in Miss. Clara's class.