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Fraction Word Problems Worksheets

- 1) Eva baked a cake for three of her friends. She cut the cake into 4 equal pieces. She ate one piece and each of her friends took a piece. What fraction of cake was eaten by each one of them?



- 2) Mr. Stephen bought a pack of 10 pens. He used 6 of them and gave the rest to his children. What fraction of pens did Mr. Stephen use? Express the fraction in its simplest form.



- 3) In a hotel there are 20 rooms. Out of them 13 rooms were occupied. Write the fraction of rooms that are occupied and unoccupied.

4) Lily bought 24 bananas from the market. However, one-fourth of them were rotten. How many bananas were not rotten?

5) Daniel had 80 minutes of free time yesterday. He spent three-fifths of the time reading a book and spent the rest of the time watching TV with his friend. How many minutes did he watch TV?



6) Vincy had 28 dollars. She gave away two-sevenths of the money to a poor boy. How much money did she give away?

7) Logan had a vacation of 10 days. He spent two-fifths of the time in his grandmother's home and the rest of the time in his uncle's home. How much time did he spend in his uncle's home?

8) Brad used to take thirty minutes to walk to his school. His father bought him a new cycle. Now he takes only three-fifths of the time he used to take earlier to reach school. How much time did he save by cycling to school?



9) A baker baked 240 doughnuts. He packed three-eighths of them in a box and sent them to a birthday party and the rest of them to a cake shop. What fraction of doughnuts were sent to the birthday party?



10) Maria got twenty dollars as pocket money. She spent one-fifth of the money in buying some stationery items. How much money did she spend in buying stationery items?

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Why choose Cuemath?

"Cuemath is a valuable addition to our family. We love solving puzzle cards. My daughter is now visualizing maths and solving problems effectively!"

- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

- Barbara Cabrera

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**ANSWERS**

1)	$\frac{1}{4}$ of the cake was eaten by each one of them.
2)	$\frac{3}{5}$
3)	$\frac{13}{20}$ are occupied $\frac{7}{20}$ are unoccupied
4)	18 bananas.
5)	32 minutes
6)	8 dollars

7)	6 days
8)	Brad saved 12 minutes
9)	90 doughnuts were sent to the birthday party.
10)	4 dollars

FUN FACT

1. Fractions help you very much when you go shopping. When someone says you need to pay half the price, think of $\frac{1}{2}$
2. In time, if we say $\frac{1}{4}$ of an hour, it means 15 minutes.
3. In a fraction, the line that separates the numerator and denominator is called 'vinculum'.

