Fraction Word Problems

1. Olivia went out for a walk. She walked $\frac{1}{4}$ of a mile and then sat down to take a rest. Then she walked $\frac{1}{4}$ of a mile. How far did she walk altogether?
2. Noah made two types of biscuits. He used $\frac{3}{8}$ cup of sugar for one recipe and $\frac{1}{8}$ cup of sugar for the other. How much sugar (in cups) did he use in all?
3. $\frac{3}{10}$ of the coloured chocolates in a bag are red and $\frac{3}{10}$ are blue. What fraction of the coloured chocolates is red and blue?
4. Emily has $\frac{4}{12}$ of a chocolate bar. Nathan has $\frac{5}{12}$ of the chocolate bar. How much do they have together?
5. Grace ran $\frac{4}{6}$ of a marathon. Anita ran $\frac{5}{6}$ of a marathon. Who ran further? What fraction further?
6. A running track is one kilometre long. If I jog for $\frac{1}{3}$ km and sprint for $\frac{1}{3}$km, will I complete the full distance of the track?
7. You give $\frac{3}{6}$ of a box of cakes to Anna and $\frac{1}{6}$ of the box of cakes to Haris. How much of the box of cakes did you give away?
8. Peter walks $\frac{7}{8}$ of a mile to school. Layla walks $\frac{5}{8}$ of a mile to school. How much farther does Peter walk than Layla?
9. There is $\frac{7}{10}$ of a pizza in one box and $\frac{3}{10}$ of a pizza in another box. How much more is there in the first box compared to the second box?
10. A jug contains $\frac{5}{8}$ litres of juice. After you pour $\frac{3}{8}$ of a litre into some glasses, how much is left in the jug?
11. At a class party $\frac{3}{8}$ of a vegetarian pizza and $\frac{4}{8}$ of a meat-feast pizza were eaten. How much pizza was eaten altogether?
12. Harry and Dele shared a chocolate bar. Harry ate $\frac{3}{5}$ and Dele ate $\frac{2}{5}$. Who ate more? What fraction more?

Challenge

Write some of your own problems for others to solve.

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1. Olivia went out for a walk. She walked $\frac{3}{4}$ of a mile and then sat down to take a rest. Then she walked $\frac{1}{8}$ of a mile. How far did she walk altogether?
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3. $\frac{1}{10}$ of the coloured chocolates in a bag are red and $\frac{1}{5}$ are blue. What fraction of the coloured chocolates are red and blue?
4. Emily has $\frac{1}{3}$ of a chocolate bar. Nathan has $\frac{5}{12}$ of the chocolate bar. How much do they have together?
5. Grace ran $\frac{2}{3}$ of a marathon. Anita ran $\frac{5}{6}$ of a marathon. Who ran further? What fraction further?
6. A running track is one kilometre long. If I jog for $\frac{1}{6}$ km and sprint for $\frac{2}{3}$ km will I complete the full distance of the track?
7. You give $\frac{1}{3}$ of a box of cakes to Anna and $\frac{1}{6}$ of the box of cakes to Haris. How much of the box of cakes did you give away?
8. Peter walks $\frac{7}{8}$ of a mile to school. Layla walks $\frac{1}{2}$ of a mile to school. How much farther does Peter walk than Layla?
9. There is $\frac{7}{10}$ of a pizza in one box and $\frac{2}{5}$ of a pizza in another box. How much more is there in the first box compared to the second box?
10. A jug contains $2\frac{3}{4}$ litres of orange juice. After you pour $\frac{5}{8}$ of a litre into some glasses, how much is left in the jug?
11. At a class party, $\frac{3}{8}$ of a vegetarian pizza and $\frac{1}{2}$ of a meat-feast pizza were eaten. How much pizza was eaten altogether?
12. Harry and Dele shared a chocolate bar. Harry ate $\frac{2}{5}$ and Dele ate $\frac{3}{10}$. Who ate more? What fraction more?

Challenge

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Fraction Word Problems

1. Olivia went out for a walk. She walked $2\frac{3}{4}$ miles and then sat down to take a rest. Then she walked $1\frac{1}{8}$ miles. How far did she walk altogether?
2. Noah made two types of biscuits. He used $1\frac{5}{8}$ cups of sugar for one recipe and $2\frac{1}{4}$ cups of sugar for the other. How much sugar (in cups) did he use in all?
3. $\frac{1}{5}$ of the coloured chocolates in a bag are red and $\frac{3}{10}$ are blue. What fraction of the coloured chocolates are not red or blue?
4. Emily has $\frac{1}{3}$ of a chocolate bar. Nathan has $\frac{5}{12}$ of the chocolate bar. How much of the chocolate bar is left?
5. After three hours, Grace has run $\frac{2}{3}$ of a marathon and Anita has run $\frac{5}{6}$ of a marathon. Who has more to run to finish?
6. A race is five kilometres long. If I jog for $3\frac{5}{6}$ kms and sprint for $\frac{2}{3}$ kms, how much further do I need to run?
7. You give $2\frac{2}{5}$ bottles of water to Anna and $1\frac{7}{10}$ bottles of water to Haris. How many bottles of water did you give away in total?
8. Peter walks $1\frac{7}{8}$ miles to school. Layla walks $2\frac{1}{2}$ miles to school. How much farther does Layla walk than Peter?
9. There is $\frac{9}{10}$ of a pizza in one box and $\frac{1}{2}$ of a pizza in another box. How much more is there in the first box compared to the second box?
10. A jug contains $2\frac{3}{4}$ litres of orange juice. After you pour $1\frac{7}{8}$ litres into some glasses, how much is left in the jug?
11. At a class party, $\frac{3}{8}$ of a vegetarian pizza, $\frac{1}{2}$ of a meat-feast pizza and $\frac{3}{4}$ of a pepperoni pizza were eaten. How much pizza was eaten altogether?
12. Harry, Dele and Christian shared a chocolate bar. Harry ate $\frac{1}{5}$, Dele ate $\frac{3}{10}$ and Christian finished the bar. What fraction did Christian eat?

Challenge

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Fraction Word Problems Answers

Lower Ability

1. $\frac{2}{4}$ or $\frac{1}{2}$
2. $\frac{4}{8}$ or $\frac{1}{2}$
3. $\frac{6}{10}$
4. $\frac{9}{12}$ or $\frac{3}{4}$
5. Anita $\frac{1}{6}$
6. No $\frac{1}{3}$km short
7. $\frac{4}{6}$ or $\frac{2}{3}$
8. $\frac{2}{8}$ of a mile
9. $\frac{4}{10}$
10. $\frac{2}{8}$
11. $\frac{7}{8}$ of a pizza
12. Harry $\frac{1}{5}$

Middle Ability

1. $\frac{7}{8}$
2. $\frac{5}{8}$
3. $\frac{3}{10}$
4. $\frac{9}{12}$ or $\frac{3}{4}$
5. Anita $\frac{1}{6}$
6. No $\frac{1}{6}$km short
7. $\frac{3}{6}$ or $\frac{1}{2}$
8. $\frac{3}{8}$ of a mile
9. $\frac{3}{10}$
10. $2\frac{1}{8}$
11. $\frac{7}{8}$ of a pizza
12. Harry $\frac{1}{10}$

Higher Ability

1. $3\frac{7}{8}$
2. $3\frac{7}{8}$
3. $\frac{5}{10}$ or $\frac{1}{2}$
4. $\frac{3}{12}$ or $\frac{1}{3}$
5. Grace $\frac{1}{3}$
6. $\frac{1}{2}$ km
7. $4\frac{1}{10}$ bottles
8. $\frac{5}{8}$ of a mile
9. $\frac{4}{10}$
10. $\frac{7}{8}$
11. $1\frac{5}{8}$ pizzas
12. $\frac{1}{2}$

Challenge

Answers will vary depending on the question. Adult will need to check these.