**Adding and Subtracting Fractions**

Give all your answers as simply as possible.

|  |
| --- |
| **Section 1** |
| 1. | $$\frac{3}{8}+\frac{1}{4}$$ | 2. | $$\frac{8}{9}-\frac{1}{3}$$ | 3. | $$\frac{3}{5}+\frac{7}{10}$$ | 4. | $$\frac{5}{7}-\frac{8}{21}$$ |
| 5. | $$\frac{5}{8}-\frac{1}{12}$$ | 6. | $$\frac{2}{5}+\frac{1}{4}$$ | 7. | $$\frac{2}{3}-\frac{3}{7}$$ | 8. | $$\frac{2}{3}+\frac{1}{5}$$ |
| 9. | $$\frac{5}{7}+\frac{3}{5}$$ | 10. | $$\frac{3}{4}+\frac{2}{3}$$ | 11. | $$\frac{5}{8}+\frac{2}{3}$$ | 12. | $$\frac{7}{12}+\frac{4}{5}$$ |
| **Section 2** |
| 13. | Andy and Bob have a pizza each. After they have eaten some of their pizzas, Andy has $\frac{1}{3}$ of his pizza left and Bob has $\frac{1}{4}$ of his left. What fraction of pizza do they have left in total? |
| 14. | Charlene has a bag of sweets. She gives $\frac{2}{5}$ to her friend and eats $\frac{1}{4}$. What fraction of the bag of sweets does Charlene have left? |
| 15. | Dave and Ed are putting together bags of marbles to sell for charity. Dave has $\frac{3}{5}$ of a bag left over and Ed has $\frac{2}{3}$ of a bag left. Can they combine what they each have left to make another bag? *(You must show your workings)* |
| 16. | Freya wants to make two cakes. She has $\frac{3}{4}$ of a bag of flour. The first cake requires $\frac{2}{5}$ of a bag of flour and the second cake needs $\frac{3}{10}$ of a bag of flour. Does Freya have enough flour to make both cakes?*(You must show your workings)* |
| **Section 3** |
| 17. | $$1\frac{1}{2}+\frac{1}{4}$$ | 18. | $$2\frac{2}{3}-\frac{2}{9}$$ | 19. | $$1\frac{3}{5}+3\frac{7}{10}$$ | 20. | $$2\frac{1}{6}-1\frac{1}{3}$$ |
| 21. | $$2\frac{1}{3}+1\frac{2}{5}$$ | 22. | $$4\frac{5}{7}-2\frac{1}{4}$$ | 23. | $$1\frac{5}{6}+2\frac{3}{4}$$ | 24. | $$3\frac{1}{4}-2\frac{7}{9}$$ |
| **Section 4** |
| 25. | George’s van can carry a maximum of 5 tonnes. George needs to deliver two loads weighing $3\frac{1}{4}$ tonnes and $1\frac{5}{6}$ tonnes. Can George take both loads at once? *(You must show your workings)* |
| 26. | Harriet is sowing grass seed in her garden. She has $1\frac{2}{3}$ bags of grass seed. Her front garden needs $\frac{7}{8}$ of a bag and the back garden needs $\frac{5}{6}$ of a bag. Does Harriet have enough grass seed? *(You must show your workings)*  |