Adding and subtracting fractions

Mana Maths

Te reo Māori terms

hautau ōrite
equivalent fraction
Open in Te Aka

taurunga
numerator
Open in Te Aka

tauraro
denominator
Open in Te Aka

taurea pātahi iti rawa
lowest common multiple
Open in Te Aka

Foundation

1. $\frac{1}{8} + \frac{3}{8}$.

2. $\frac{5}{9} - \frac{2}{9}$.

3. $\frac{2}{7} + \frac{4}{7}$.

4. $\frac{6}{11} - \frac{1}{11}$.

5. $\frac{3}{10} + \frac{5}{10}$.

6. $\frac{9}{12} - \frac{4}{12}$.

7. $\frac{1}{4} + \frac{2}{4}$.

8. $\frac{7}{15} - \frac{3}{15}$.

9. $\frac{5}{6} + \frac{1}{6}$.

10. $\frac{8}{13} - \frac{5}{13}$.

11. $\frac{2}{5} + \frac{1}{5}$.

12. $\frac{11}{14} - \frac{4}{14}$.

13. $\frac{3}{8} + \frac{4}{8}$.

14. $\frac{10}{12} - \frac{7}{12}$.

15. $\frac{5}{16} + \frac{7}{16}$.

16. $\frac{13}{20} - \frac{6}{20}$.

Proficient

1. $\frac{1}{2} + \frac{1}{4}$.

2. $\frac{3}{4} - \frac{1}{8}$.

3. $\frac{2}{3} + \frac{1}{6}$.

4. $\frac{5}{6} - \frac{1}{3}$.

5. $\frac{3}{5} + \frac{1}{10}$.

6. $\frac{7}{8} - \frac{1}{4}$.

7. $\frac{2}{9} + \frac{4}{3}$.

8. $\frac{11}{12} - \frac{1}{6}$.

9. $\frac{3}{7} + \frac{2}{14}$.

10. $\frac{5}{6} - \frac{1}{12}$.

11. $\frac{4}{15} + \frac{2}{5}$.

12. $\frac{7}{10} - \frac{1}{5}$.

13. $\frac{5}{12} + \frac{1}{3}$.

14. $\frac{13}{18} - \frac{1}{9}$.

15. $\frac{3}{4} + \frac{5}{12}$.

16. $\frac{7}{9} - \frac{1}{6}$.

Excellence

1. $1\frac{1}{4} + \frac{2}{3}$.

2. $2\frac{1}{2} - \frac{3}{4}$.

3. $\frac{5}{6} + \frac{7}{12}$.

4. $\frac{11}{15} - \frac{2}{5}$.

5. Fill in the blank: $\frac{3}{4} + \frac{\square}{8} = 1$.

6. Fill in the blank: $\frac{\square}{6} + \frac{1}{3} = \frac{5}{6}$.

7. Is $\frac{2}{3} + \frac{1}{6} = \frac{3}{9}$ correct?

8. Is $\frac{7}{8} - \frac{1}{4} = \frac{6}{4}$ correct?

9. Which is greater: $\frac{3}{5} + \frac{1}{4}$ or $\frac{5}{6} - \frac{1}{3}$?

10. Mia walked $\frac{3}{8}$ km and then $\frac{5}{8}$ km. How far altogether?

11. Find two twelfths that add to $\frac{11}{12}$.

12. Complete: $\frac{5}{6} - \frac{\square}{18} = \frac{2}{3}$.

13. Complete: $1 - \frac{5}{12} = \_\_\_\_\_$.

14. $\frac{4}{9} + \frac{5}{18}$.

15. $\frac{7}{12} + \frac{5}{18}$.

16. $\frac{5}{4} - \frac{2}{3}$.