

1 Work out the sums:

$$\frac{1}{1} + \frac{1}{1}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{2}{2} + \frac{2}{2}$$

$$\frac{2}{2} + \frac{3}{2}$$

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

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

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

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

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

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

$$\frac{2}{3} + \frac{2}{3}$$

$$\frac{2}{3} + \frac{3}{3}$$

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

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

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

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

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

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

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

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

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

$$\frac{1}{1}+1$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{2}{2}+2$$

$$\frac{3}{2}+2$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{2}{2}+\frac{2}{3}$$

$$\frac{2}{2}+\frac{3}{3}$$

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

2 Simplify the larger fraction in each pair.

$$\frac{1}{1}, \frac{1}{2}$$

$$\frac{1}{1}, \frac{2}{2}$$

$$\frac{1}{1}, \frac{3}{2}$$

$$\frac{1}{1}, \frac{4}{2}$$

$$\frac{1}{1}, \frac{5}{2}$$

$$\frac{1}{1}, \frac{6}{2}$$

$$\frac{2}{1}, \frac{1}{2}$$

$$\frac{2}{1}, \frac{2}{2}$$

$$\frac{2}{1}, \frac{3}{2}$$

$$\frac{2}{1}, \frac{4}{2}$$

$$\frac{2}{1}, \frac{5}{2}$$

$$\frac{2}{1}, \frac{6}{2}$$

$$\frac{3}{1}, \frac{1}{2}$$

$$\frac{3}{1}, \frac{2}{2}$$

$$\frac{3}{1}, \frac{3}{2}$$

$$\frac{3}{1}, \frac{4}{2}$$

$$\frac{3}{1}, \frac{5}{2}$$

$$\frac{3}{1}, \frac{6}{2}$$

$$\frac{4}{1}, \frac{1}{2}$$

$$\frac{4}{1}, \frac{2}{2}$$

$$\frac{4}{1}, \frac{3}{2}$$

$$\frac{4}{1}, \frac{4}{2}$$

$$\frac{4}{1}, \frac{5}{2}$$

$$\frac{4}{1}, \frac{6}{2}$$

$$\frac{1}{3}, \frac{1}{2}$$

$$\frac{1}{3}, \frac{2}{2}$$

$$\frac{1}{3}, \frac{3}{2}$$

$$\frac{1}{3}, \frac{4}{2}$$

$$\frac{1}{3}, \frac{5}{2}$$

$$\frac{1}{3}, \frac{6}{2}$$

$$\frac{2}{3}, \frac{1}{2}$$

$$\frac{2}{3}, \frac{2}{2}$$

$$\frac{2}{3}, \frac{3}{2}$$

$$\frac{2}{3}, \frac{4}{2}$$

$$\frac{2}{3}, \frac{5}{2}$$

$$\frac{2}{3}, \frac{6}{2}$$

$$\frac{3}{3}, \frac{1}{2}$$

$$\frac{3}{3}, \frac{2}{2}$$

$$\frac{3}{3}, \frac{3}{2}$$

$$\frac{3}{3}, \frac{4}{2}$$

$$\frac{3}{3}, \frac{5}{2}$$

$$\frac{3}{3}, \frac{6}{2}$$

$$\frac{4}{3}, \frac{1}{2}$$

$$\frac{4}{3}, \frac{2}{2}$$

$$\frac{4}{3}, \frac{3}{2}$$

$$\frac{4}{3}, \frac{4}{2}$$

$$\frac{4}{3}, \frac{5}{2}$$

$$\frac{4}{3}, \frac{6}{2}$$