Section One

Calculate each of the following

(1) $\dfrac{3}{8} \times 1\dfrac{5}{7}$

(2) $2\dfrac{1}{3} - 1\dfrac{2}{5}$

(3) $4\dfrac{1}{2} \times 1\dfrac{2}{9}$

(4) $2\dfrac{1}{3} + \dfrac{4}{5}$

(5) $2\dfrac{3}{8} \div \dfrac{5}{16}$

(6) $\dfrac{5}{12} \times 2\dfrac{2}{9}$

(7) $6\dfrac{1}{5} - 2\dfrac{1}{3}$

(8) $2\dfrac{3}{8} \div \dfrac{5}{16}$

(9) $3\dfrac{2}{5} - 1\dfrac{3}{4}$

(10) $1\dfrac{1}{8} \div \dfrac{3}{4}$

(11) $1\dfrac{3}{5} + 2\dfrac{4}{7}$

(12) $1\dfrac{2}{3} \times 2$

Section Two

Calculate each of the following

(1) $\dfrac{2}{3}\left(\dfrac{1}{5} + \dfrac{3}{4}\right)$

(2) $\dfrac{2}{7}\left(1\dfrac{3}{4} + \dfrac{3}{8}\right)$

(3) $\dfrac{1}{7}\left(2\dfrac{1}{4} + 3\dfrac{1}{5}\right)$

(4) $\dfrac{2}{3}\left(\dfrac{1}{6} + \dfrac{1}{2}\right)$

(5) $\dfrac{3}{8}\left(\dfrac{1}{3} - \dfrac{1}{5}\right)$

(6) $\dfrac{1}{2}\left(2\dfrac{3}{10} + \dfrac{3}{4}\right)$

(7) $\dfrac{3}{8}\left(3\dfrac{1}{6} - \dfrac{4}{5}\right)$

(8) $\left(\dfrac{1}{2} + \dfrac{1}{3}\right)\left(\dfrac{1}{2} - \dfrac{1}{3}\right)$

Section Three

Calculate each of the following

(1) $\dfrac{5}{6}\ of\ \dfrac{2}{3} + 1\dfrac{1}{6}$

(2) $1\dfrac{5}{9}\ of\ 2\dfrac{1}{7} \times \dfrac{1}{5}$

(3) $\dfrac{3}{8} \times 1\dfrac{5}{7}\ of\ 4\dfrac{2}{3}$

(4) $\dfrac{4}{5} + \dfrac{2}{5}\ of\ 3\dfrac{1}{2}$

(5) $2\dfrac{1}{3} + \dfrac{5}{6}\ of\ 1\dfrac{2}{5}$

(6) $\dfrac{2}{7}\ of\left(1\dfrac{3}{4} + \dfrac{3}{8}\right)$