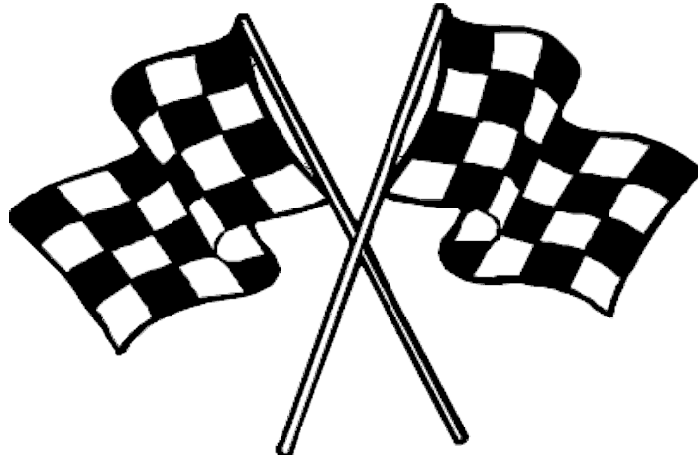**4.4 Exercise**

Fractions Race N°. 3

Do NOT use a calculator

Multiply BEFORE adding
Do not cancel down

Target time : 15 minutes

If more than five wrong answers are given you are disqualified !

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

(b) $\dfrac{1}{3} \times \dfrac{5}{7} + \dfrac{2}{3} \times \dfrac{3}{7}$

(c) $\dfrac{3}{8} \times \dfrac{2}{3} + \dfrac{5}{8} \times \dfrac{1}{3}$

(d) $\dfrac{3}{10} \times \dfrac{5}{8} + \dfrac{7}{10} \times \dfrac{3}{8}$

(e) $\dfrac{1}{6} \times \dfrac{1}{6} + \dfrac{5}{6} \times \dfrac{5}{6}$

(f) $\dfrac{3}{11} \times \dfrac{3}{5} + \dfrac{7}{11} \times \dfrac{2}{5}$

(g) $\dfrac{13}{20} \times \dfrac{2}{5} + \dfrac{7}{20} \times \dfrac{3}{5}$

(h) $\dfrac{2}{9} \times \dfrac{7}{9} + \dfrac{4}{9} \times \dfrac{5}{9}$

(i) $\dfrac{7}{10} \times \dfrac{3}{8} + \dfrac{3}{10} \times \dfrac{5}{8}$

(j) $\dfrac{10}{11} \times \dfrac{6}{7} + \dfrac{2}{11} \times \dfrac{5}{7}$

(k) $\dfrac{3}{8} \times \dfrac{7}{10} + \dfrac{5}{8} \times \dfrac{9}{10}$

(l) $\dfrac{3}{4} \times \dfrac{3}{4} + \dfrac{1}{4} \times \dfrac{1}{4}$

(m) $\dfrac{1}{10} \times \dfrac{9}{10} + \dfrac{3}{10} \times \dfrac{7}{10}$

(n) $\dfrac{3}{13} \times \dfrac{3}{13} + \dfrac{1}{13} \times \dfrac{1}{13}$

(o) $\dfrac{4}{5} \times \dfrac{4}{9} + \dfrac{3}{5} \times \dfrac{8}{9}$

(p) $\dfrac{6}{11} \times \dfrac{8}{9} + \dfrac{5}{11} \times \dfrac{2}{9}$

(q) $\dfrac{5}{9} \times \dfrac{6}{7} + \dfrac{4}{9} \times \dfrac{3}{7}$

(r) $\dfrac{3}{17} \times \dfrac{3}{10} + \dfrac{4}{17} \times \dfrac{9}{10}$

(s) $\dfrac{8}{21} \times \dfrac{5}{12} + \dfrac{7}{12} \times \dfrac{3}{21}$

(t) $\dfrac{3}{8} \times \dfrac{3}{8} + \dfrac{5}{8} \times \dfrac{5}{8}$

(u) $\dfrac{22}{25} \times \dfrac{1}{4} + \dfrac{6}{25} \times \dfrac{3}{4}$

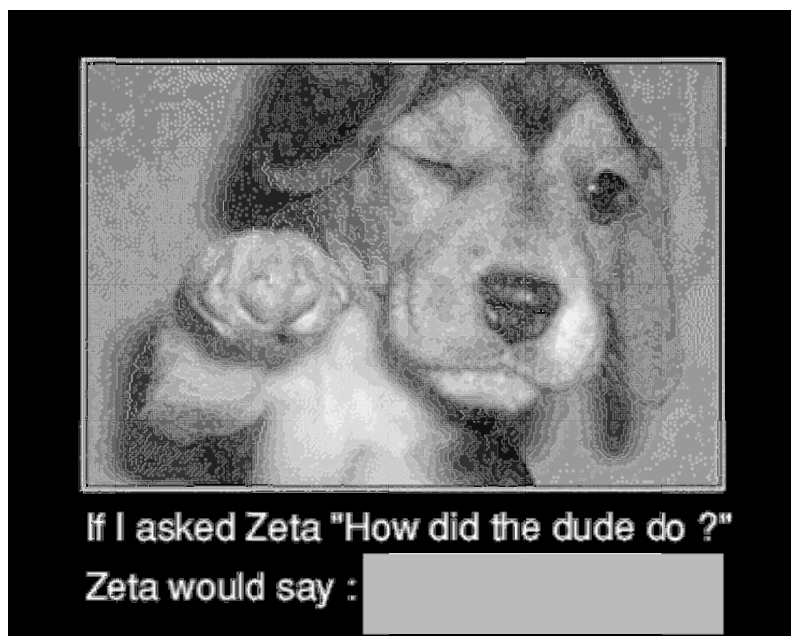*(v)* $\dfrac{5}{9} \times \dfrac{6}{7} + \dfrac{5}{9} \times \dfrac{5}{7}$

(w) $\dfrac{5}{12} \times \dfrac{3}{5} + \dfrac{7}{12} \times \dfrac{4}{5}$

(x) $\dfrac{8}{11} \times \dfrac{8}{11} + \dfrac{7}{11} \times \dfrac{7}{11}$

(y) $\dfrac{7}{10} \times \dfrac{5}{11} + \dfrac{3}{10} \times \dfrac{6}{11}$

(z) $\dfrac{5}{9} \times \dfrac{6}{7} + \dfrac{4}{9} \times \dfrac{2}{7}$

If I asked Zeta "How did the dude do ?"
Zeta would say :