Dalkeith High School - Level 4 - HOMEWORK 18



- Copy each of the following and simplify (where possible):-1.

- (a) $\frac{1}{5} + \frac{3}{5}$ (b) $\frac{2}{7} + \frac{1}{7}$ (c) $\frac{5}{8} \frac{2}{8}$ (d) $\frac{8}{11} \frac{5}{11}$ (e) $\frac{4}{5} \frac{3}{5}$ (f) $\frac{7}{8} \frac{5}{8}$ (g) $\frac{1}{8} + \frac{3}{8}$ (h) $\frac{4}{10} + \frac{6}{10}$
- Copy each and simplify :-2.

- (a) $4\frac{1}{2} + 2\frac{1}{2}$ (b) $6\frac{1}{4} + 1\frac{1}{4}$ (c) $4\frac{3}{4} + 2\frac{3}{4}$ (d) $5\frac{7}{8} + \frac{5}{8}$ (e) $2\frac{3}{4} 2\frac{1}{4}$ (f) $7\frac{5}{8} 4\frac{3}{8}$ (g) $10\frac{7}{10} 5\frac{3}{10}$ (h) $2\frac{13}{15} 1\frac{8}{15}$
- Jerry mixed $2\frac{3}{4}$ kg's of currants and $1\frac{1}{4}$ kg's of raisins into a bowl. 3. What is the total weight of currents and raisins?
- 4.



Bill jogged $5\frac{3}{4}$ km of an eight kilometre run. How far has Bill still to jog?

Copy and complete each of the following calculations and simplify where possible:-5. (a) $\frac{1}{2} + \frac{1}{8}$ (b) $\frac{2}{3} + \frac{1}{6}$ (c) $\frac{3}{4} - \frac{5}{12}$ (d) $\frac{5}{16} - \frac{1}{4}$ (e) $\frac{7}{10} + \frac{3}{5}$ (f) $\frac{5}{6} - \frac{7}{12}$ (g) $\frac{9}{16} + \frac{3}{4}$ (h) $\frac{9}{51} - \frac{3}{17}$

(a)
$$\frac{1}{2} + \frac{1}{8}$$

(b)
$$\frac{2}{3} + \frac{1}{6}$$

(c)
$$\frac{3}{4} - \frac{5}{12}$$

(d)
$$\frac{5}{16} - \frac{1}{4}$$

(e)
$$\frac{7}{10} + \frac{3}{5}$$

(f)
$$\frac{5}{6} - \frac{7}{12}$$

(g)
$$\frac{9}{16} + \frac{3}{4}$$

(h)
$$\frac{9}{51} - \frac{3}{17}$$

(i)
$$\frac{2}{3} + \frac{1}{2} + \frac{1}{4}$$

(j)
$$\frac{5}{12} + \frac{1}{4} - \frac{1}{2}$$

(i)
$$\frac{2}{3} + \frac{1}{2} + \frac{1}{4}$$
 (j) $\frac{5}{12} + \frac{1}{4} - \frac{1}{2}$ (k) $\frac{1}{2} + \frac{1}{3} + \frac{1}{4} + \frac{1}{5}$

Copy and simplify :-6.

(a)
$$3\frac{1}{2} + 1\frac{1}{3}$$

(b)
$$1\frac{1}{3} + 3\frac{1}{4}$$

(c)
$$4\frac{1}{2} + 1\frac{2}{5}$$

(a)
$$3\frac{1}{2} + 1\frac{1}{3}$$
 (b) $1\frac{1}{3} + 3\frac{1}{4}$ (c) $4\frac{1}{2} + 1\frac{2}{5}$ (d) $4\frac{1}{2} - 1\frac{2}{5}$

(e)
$$6\frac{7}{8} - 4\frac{3}{4}$$

(f)
$$1\frac{3}{5} - \frac{7}{15}$$

(g)
$$4\frac{9}{10} - 3\frac{3}{4}$$

(e)
$$6\frac{7}{8} - 4\frac{3}{4}$$
 (f) $1\frac{3}{5} - \frac{7}{15}$ (g) $4\frac{9}{10} - 3\frac{3}{4}$ (h) $4\frac{9}{10} + 3\frac{3}{4}$