

$$j) \frac{1a \cdot 8}{3 \cdot 8} + \frac{7a \cdot 3}{8 \cdot 3} + \frac{5a \cdot 4}{6 \cdot 4} = \frac{8a}{24} + \frac{21a}{24} + \frac{20a}{24} = \frac{49a}{24} = 2\frac{1}{24} a$$

$$2\frac{1}{3}m + 5\frac{1}{4}m = 2\frac{4}{12}m + 5\frac{3}{12}m = 7\frac{7}{12}m$$

$$j) 4\frac{2}{3} \cdot 5r + 2\frac{1}{5}S + 1\frac{3}{5} \cdot 3r = 4\frac{10}{15}r + 2\frac{1}{5}S + 1\frac{9}{15}r = 5\frac{19}{15}r + 2\frac{1}{5}S = 6\frac{4}{15}r + 2\frac{1}{5}S$$

$$\frac{1k7}{57} + \frac{3k7}{57} + \frac{2k5}{75} + j = \frac{7k}{35} + \frac{21k}{35} + \frac{10k}{35} + j = \frac{38k}{35} + j = 1\frac{3}{35}k + j$$

$$\frac{t}{5} + \frac{4t}{5} + \frac{5t^2}{6} = \frac{5t^2}{6} + \frac{5t}{5} = \frac{5t^2}{6} + t$$

$$k) \frac{2}{5} \cdot 3j^2i + \frac{2}{3} \cdot ji^2 + \frac{8}{15} \cdot ji^2 + 0.4ji^2 = \frac{6}{15}j^2i + \frac{8}{15}ji^2 + \frac{2}{3}ji^2 + \frac{2}{5}ji^2 = \frac{14}{15}j^2i + \frac{1}{15}ji^2$$

$\cdot 4 = \frac{4}{10} \rightarrow$

$$\frac{r \cdot 3}{8 \cdot 3} + \frac{7r \cdot 4}{6 \cdot 4} + \frac{5r^2}{8} = \frac{3r}{24} + \frac{28r}{24} + \frac{5r^2}{8} = \frac{31r}{24} + \frac{5r^2}{8} = 1\frac{7}{24}r + \frac{5r^2}{8}$$

$$4\frac{5}{8}r^2 + 2\frac{3}{8}S + 1\frac{3}{8}r^2 = 4\frac{25}{40}r^2 + 1\frac{24}{40}r^2 + 2\frac{3}{8}S = 5\frac{49}{40}r^2 + 2\frac{3}{8}S = 6\frac{9}{40}r^2 + 2\frac{3}{8}S$$

$$l) \frac{4 \cdot 2}{3 \cdot 2} \omega^2 x + \frac{2 \cdot 6}{5 \cdot 6} \omega x^2 + \frac{5 \cdot 5}{6 \cdot 5} \omega x^2 + \frac{5 \cdot 5}{6 \cdot 5} \omega^2 x + \omega x^2 + 2\frac{2}{5}$$

$$\frac{8}{6} \omega^2 x + \frac{5}{6} \omega x^2 + \frac{12}{30} \omega x^2 + \frac{25}{30} \omega x^2 + 5 \omega x^2 + 2\frac{2}{5}$$

$$\frac{13}{6} \omega^2 x + \frac{37}{30} \omega x^2 + \omega x^2 + 2\frac{2}{5}$$

$$2\frac{1}{6} \omega^2 x + 1\frac{7}{30} \omega x^2 + \omega x^2 + 2\frac{2}{5} = 2\frac{1}{6} \omega^2 x + 2\frac{1}{30} \omega x^2 + 2\frac{2}{5}$$

$$3 \cdot \frac{7}{8} + \frac{5}{12} m^2 + \frac{7}{8} m + \frac{5}{6} m^3 + \frac{5 \cdot 2}{6 \cdot 2} m^2 + m + 2\frac{2}{3} \cdot 8$$

$$\frac{5}{6} m^3 + \frac{5}{12} m^2 + \frac{10}{12} m^2 + 1\frac{7}{8} m + \frac{21}{24} + 2\frac{16}{24}$$

$$\frac{5}{6} m^3 + \frac{15}{12} m^2 + 1\frac{7}{8} m + 2\frac{17}{24}$$

$$\frac{5}{6} m^3 + 1\frac{3}{4} m^2 + 1\frac{7}{8} m + 3\frac{13}{24}$$

$$\frac{5}{6} m^3 + 1\frac{1}{4} m^2 + 1\frac{7}{8} m + 3\frac{13}{24}$$