

May Daily Tasks Days 29 - 31

29. Evaluate:

a) $\frac{3}{4}\left(\frac{2}{3} + \frac{1}{5}\right)$ b) $1\frac{1}{4} + 2\frac{1}{3} \div \frac{2}{9}$ c) $1\frac{7}{8} \times \left(\frac{3}{4} - \frac{5}{12}\right)$ d) $2\frac{2}{3} - \frac{4}{9} \times 1\frac{1}{2}$

Leave your answers in their simplest form.

30. Remove each of the brackets in these expressions and simplify:

a) $(x - 3)(x + 2)(2x - 5)$ b) $(x - 2)(x^2 - 4x - 5)$ c) $(x + 4)^2 - 2(x + 3)$

31. Evaluate each expression:

a) $2x^3 - 5x$ when $x = -3$ b) $7x - x^3$ when $x = -2$ c) $3x^2 + 7x$ when $x = -4$