

Isaac doesn't have access to Word (we run Linux only) and so we have used Libre Office's formula editor to answer these questions. Isaac has done all the maths, without help. I have just helped with the formula editor's markup language –

e.g. (Q5f\) { 22 over 9 } - { 2 over 9 }={ 20 over 9 }={ 2{ 2 over 9 } }

It's a bit time consuming but allows better constructed fractions than trying to place text boxes on a pdf.

Thanks,

Isaac's dad

Q1a) $\frac{4}{4} + \frac{3}{5} = \frac{7}{5} = 1\frac{2}{5}$	Q1b) $\frac{6}{5} + \frac{3}{5} = \frac{9}{5} = 1\frac{4}{5}$	Q1c) $\frac{8}{5} - \frac{6}{5} = \frac{2}{5}$
Q1d) $\frac{9}{5} - \frac{3}{5} = \frac{6}{5} = 1\frac{1}{5}$		
Q2a) $\frac{4}{7} + \frac{2}{7} = \frac{6}{7}$	Q2b) $\frac{4}{7} + \frac{3}{7} = \frac{7}{7} = 1$	Q2c) $\frac{4}{7} + \frac{4}{7} = \frac{8}{7} = 1\frac{1}{7}$
Q2d) $\frac{8}{7} - \frac{3}{7} = \frac{5}{7}$	Q2e) $\frac{7}{9} + \frac{8}{9} = \frac{15}{9} = 1\frac{6}{9}$	Q2f) $\frac{17}{9} - \frac{8}{9} = \frac{9}{9} = 1$
Q2g) $\frac{16}{9} - \frac{8}{9} = \frac{8}{9}$	Q2h) $\frac{7}{9} + \frac{2}{9} + \frac{8}{9} = \frac{17}{9} = 1\frac{8}{9}$	Q2i) $\frac{7}{15} + \frac{2}{15} + \frac{8}{15} = \frac{17}{15} = 1\frac{2}{15}$
Q2j) $\frac{7}{15} + \frac{2}{15} + \frac{8}{15} = \frac{17}{15} = 1\frac{2}{15}$		
Q3a) $\frac{1}{8} + \frac{12}{8} = \frac{13}{8}$	Q3b) $\frac{2}{8} + \frac{11}{8} = \frac{13}{8}$	Q3c) $\frac{3}{8} + \frac{10}{8} = \frac{13}{8}$
Q3d) $\frac{4}{8} + \frac{9}{8} = \frac{13}{8}$	Q3e) $\frac{5}{8} + \frac{8}{8} = \frac{13}{8}$	Q3f) $\frac{6}{8} + \frac{7}{8} = \frac{13}{8}$
Q3d) $\frac{4}{8} + \frac{9}{8} = \frac{13}{8}$	$\frac{19}{8} - \frac{9}{8} = \frac{10}{8} = 1\frac{1}{4}$	
Q5a) $\frac{3}{8} + \frac{10}{8} = \frac{13}{8}$	Q5b) $\frac{13}{8} - \frac{6}{8} = \frac{7}{8}$	Q5c) $\frac{13}{8} - \frac{5}{8} = 1$
Q5d) $\frac{11}{9} + \frac{11}{9} = \frac{22}{9} = 2\frac{4}{9}$	Q5e) $\frac{11}{9} + \frac{9}{9} = \frac{20}{9} = 2\frac{2}{9}$	Q5f) $\frac{22}{9} - \frac{2}{9} = \frac{20}{9} = 2\frac{2}{9}$
Q5g) $\frac{4}{7} + \frac{6}{7} + \frac{4}{7} = 2$	Q5h) $\frac{5}{7} + \frac{4}{7} + \frac{5}{7} = 2$	Q5i) $\frac{4}{7} + \frac{2}{7} + \frac{4}{7} = 2$
Q5j) $\frac{14}{7} + \frac{3}{7} + \frac{4}{7} = 3$	Q5k) $\frac{15}{7} + \frac{1}{7} + \frac{4}{7} = 3$	Q5l) $\frac{16}{7} + \frac{6}{7} + \frac{6}{7} = 4$
Q6a) $\frac{13}{8} + \frac{3}{8} = 2$	Q6b) $\frac{1}{8} + 1\frac{7}{8} = 2$	Q6c) $\frac{7}{8} + \frac{9}{8} = 2$
Q7) annie: $\frac{5}{4} = 1\frac{1}{4}$	Q7) Dexter: $\frac{8}{4} = 2$	