Diving

4 Complete the calculations.

a) $5 \times 2\frac{2}{3} = 10 + \frac{10}{3} =$ $13\frac{1}{3}$

b) $4\frac{3}{7} \times 5 = 20 +$ $\frac{15}{7}$ $=$ $22\frac{1}{7}$

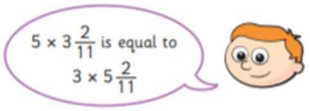
c) $8 \times 2\frac{5}{12} =$ 16 $+$ $\frac{40}{12}$ $=$ $19\frac{1}{3}$

d) $7 \times 3\frac{1}{5} =$ 21 $+$ $\frac{7}{5}$ $=$ $22\frac{2}{5}$

e) $4\frac{2}{9} \times 8 =$ 32 $+$ $\frac{16}{9}$ $=$ $33\frac{7}{9}$

f) $11 \times 4\frac{3}{10} =$ 44 $+$ $\frac{33}{10}$ $=$ $47\frac{3}{10}$

5



Do you agree with Ron? No

Explain why.

$5 \times 3\frac{2}{11} = 15\frac{10}{11}$

$3 \times 5\frac{2}{11} = 15\frac{6}{11}$

6 Eva drinks $3\frac{1}{3}$ litres of water a day.

How many litres of water does she drink in a week?

$23\frac{1}{3}$ l

7 Here is a recipe for a birthday cake.

Butter $1\frac{3}{8}$ kg
Sugar $1\frac{5}{16}$ kg
Self-raising flour $2\frac{1}{4}$ kg
6 eggs

a) How much flour is needed for 3 birthday cakes?

$6\frac{3}{4}$ kg

b) Dora makes 4 birthday cakes.

How much more butter does she use than sugar?

$\frac{1}{4}$ kg

7a. 2

8a. C is the odd one out because A and B both equal $17\frac{1}{3}$, whereas C equals $17\frac{1}{5}$.

9a. Alfie is not correct because he has multiplied the denominator by the integer. The correct answer is $16\frac{4}{5}$.

7b. 5

8b. B is the odd one out because A and C both equal $13\frac{1}{2}$, whereas B equals $14\frac{1}{4}$.

9b. Alina is correct however she has not simplified her answer. The simplified answer is $18\frac{1}{3}$.