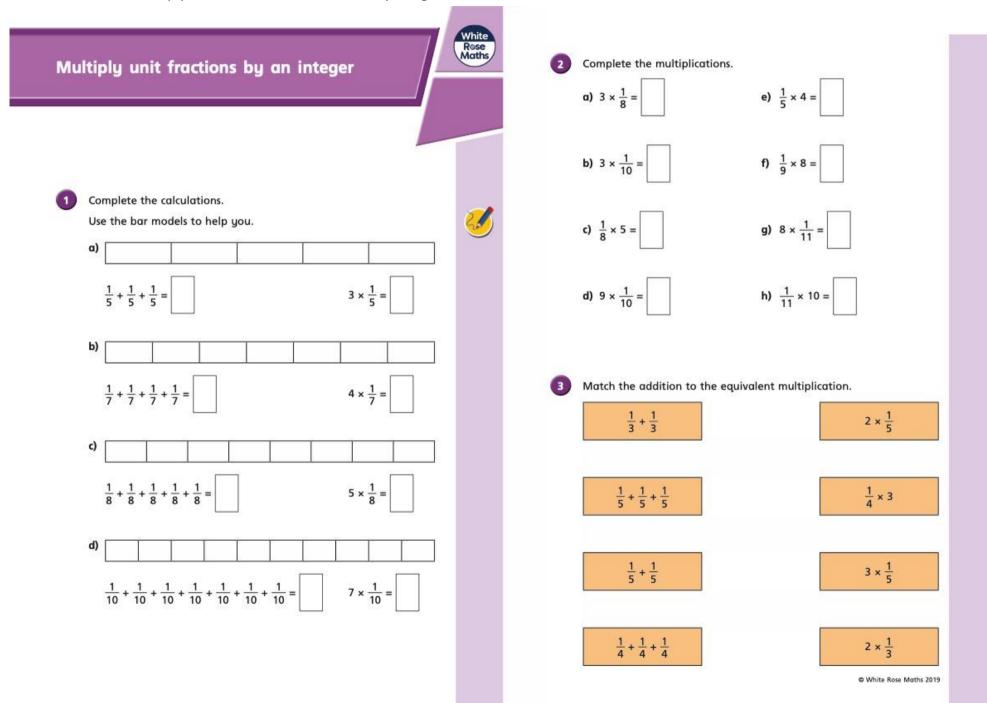
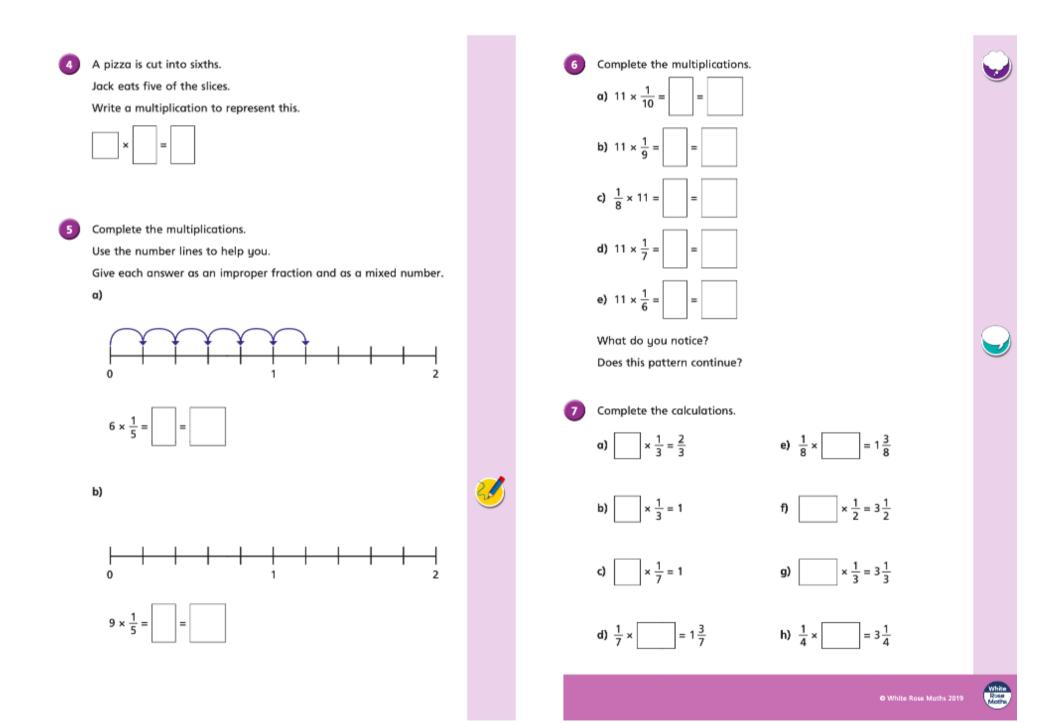
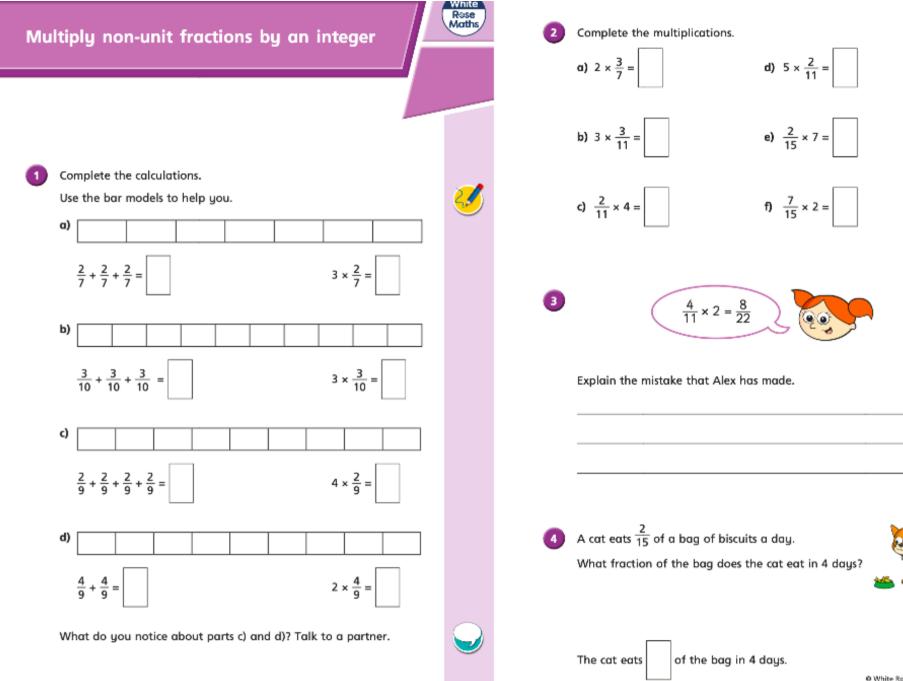
Week 6 – Lesson 1 – Multiply Unit and Non-Unit Fractions by Integers







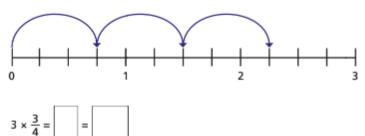
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5 Complete the multiplications.

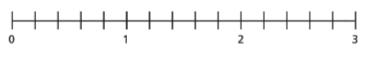
Use the number lines to help you.

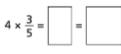
Give each answer as an improper fraction and as a mixed number.



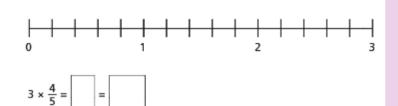






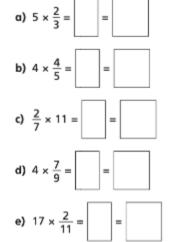


c)



6

Complete the multiplications.



f) Describe the pattern you can see in the answers.

g) What could the next multiplication in the pattern be? Write two possible options.

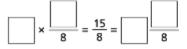


Here are some digit cards.

1

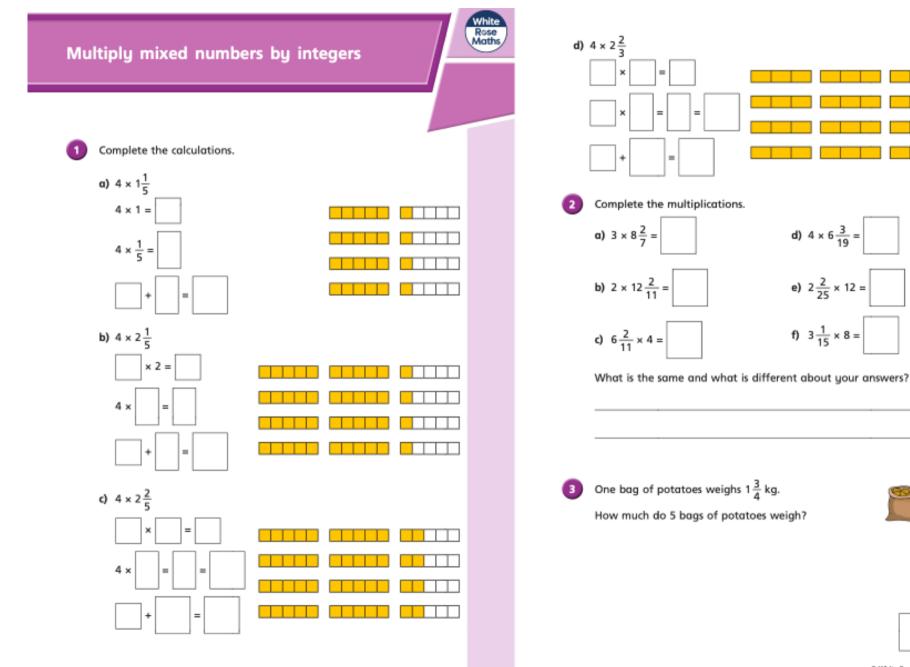


Use the digit cards to complete the multiplication.



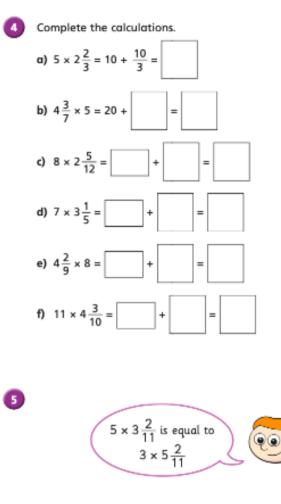
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Week 6 – Lesson 2 – Multiply Mixed Numbers by Integers



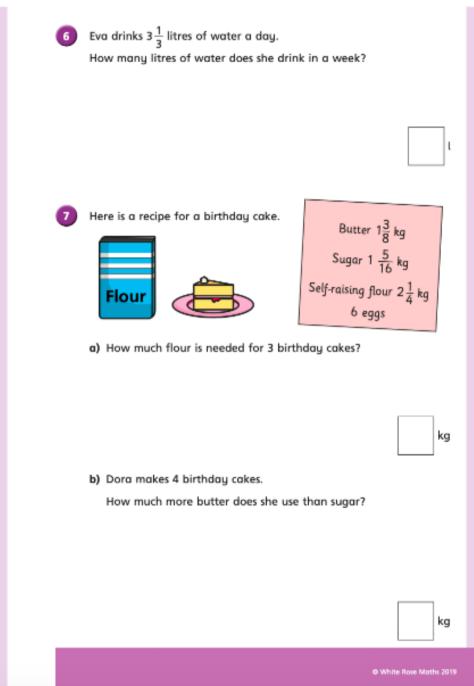
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kg



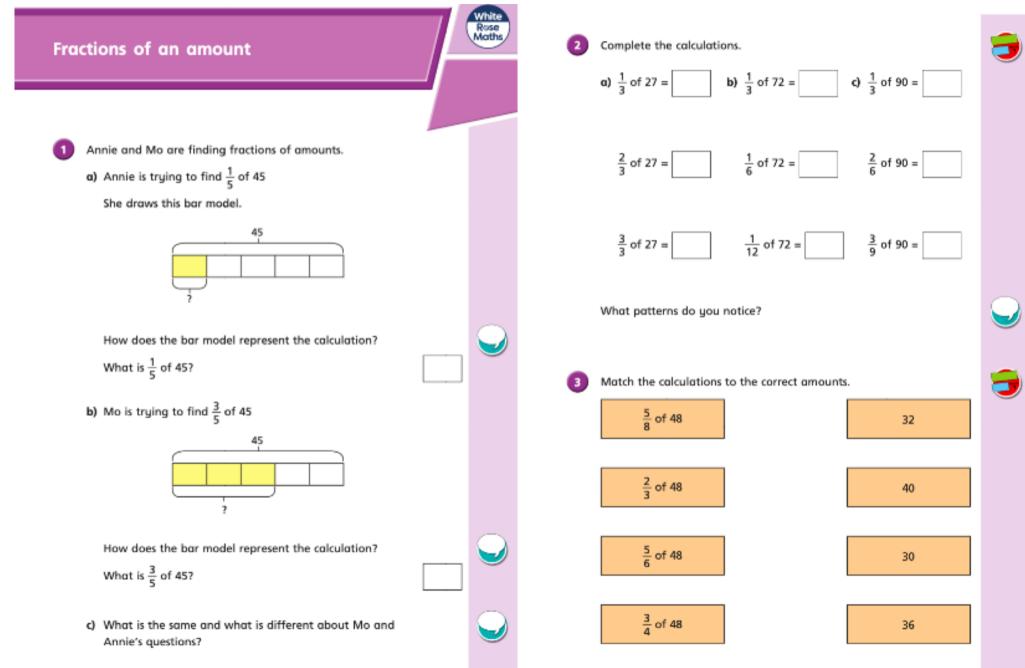
Do you agree with Ron? _____

Explain why.



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Week 6 – Lesson 3 – Fractions of an Amount



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Write <, > or = to compare the calculations.

a)
$$\frac{5}{7}$$
 of 56 $\frac{5}{8}$ of 56c) $\frac{2}{3}$ of 63 $\frac{5}{8}$ of 64b) $\frac{4}{7}$ of 56 $\frac{5}{8}$ of 56d) $\frac{7}{10}$ of 350 $\frac{5}{7}$ of 350

5 165 children and adults go on a school trip.
Two thirds of the people are children.
a) How many adults are on the school trip?

b) $\frac{3}{5}$ of the children are boys.

How many boys are on the school trip?

c) ⁷/₁₀ of the children have an apple for lunch. How many children do not have an apple for lunch?

Fick the odd one out.



Explain your choice.

320 people were asked about their favourite flavour of ice cream. Here is a pictogram showing the results.

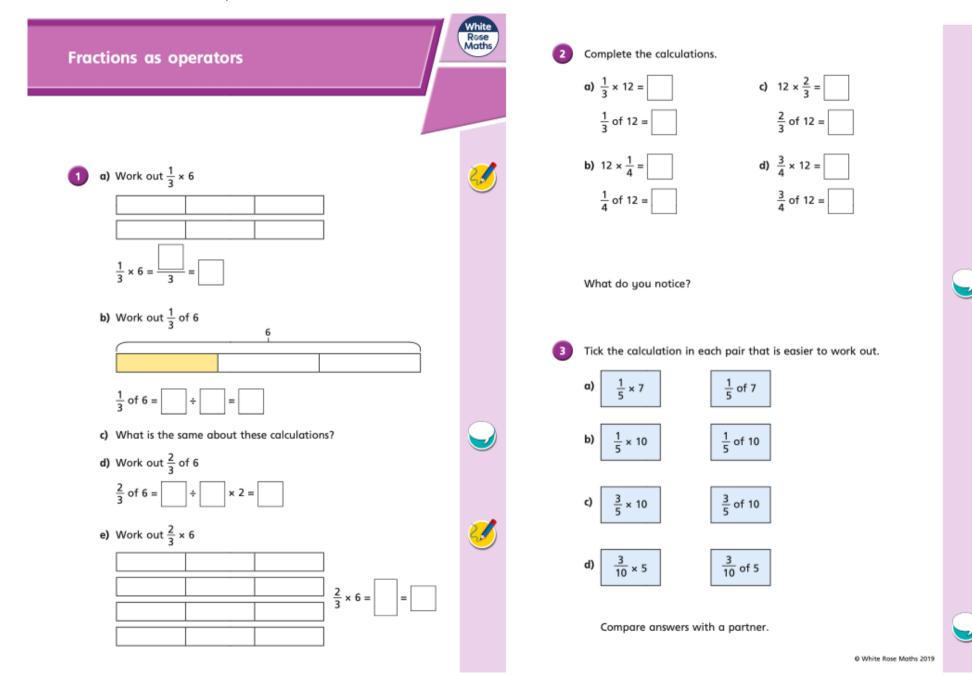
vanilla	00000
strawberry	00000
chocolate	000
mint choc chip	00000000

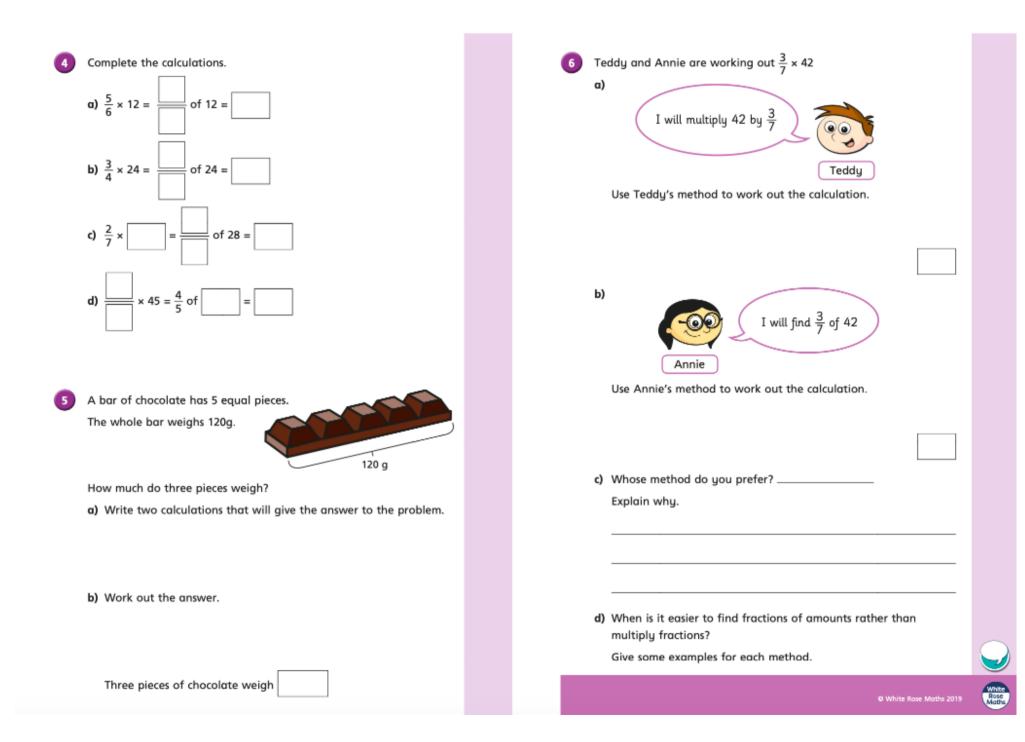
a) How many people chose mint choc chip?

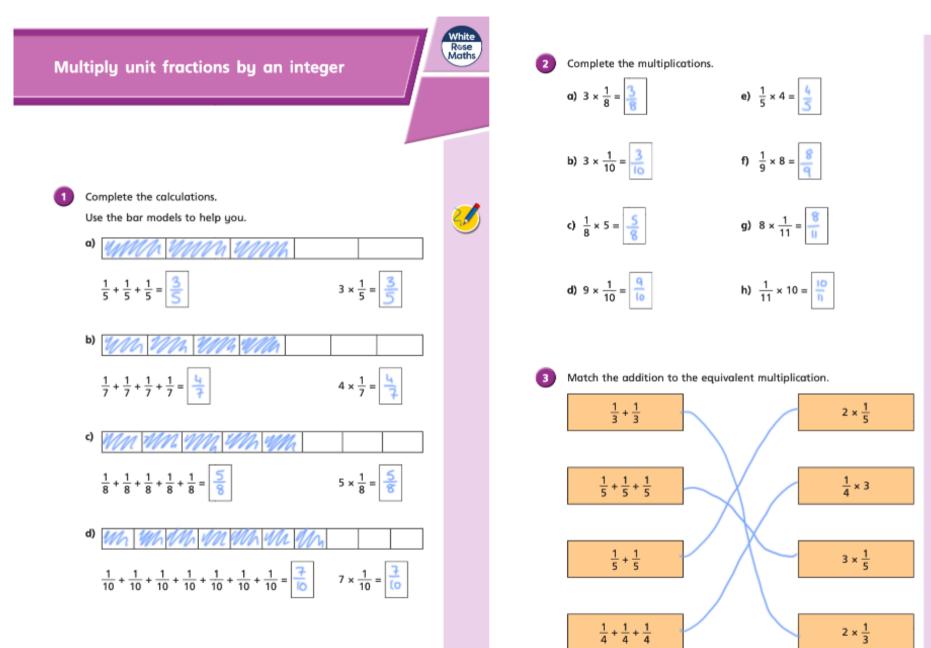
b) How many more people chose vanilla than chocolate?

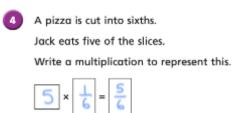
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Week 6 – Lesson 4 – Fractions as Operators









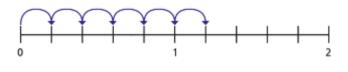
Complete the multiplications.

Use the number lines to help you.

Give each answer as an improper fraction and as a mixed number.

a)

6



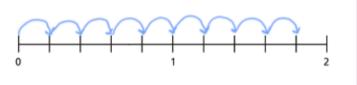


b)

 $9 \times \frac{1}{5} =$

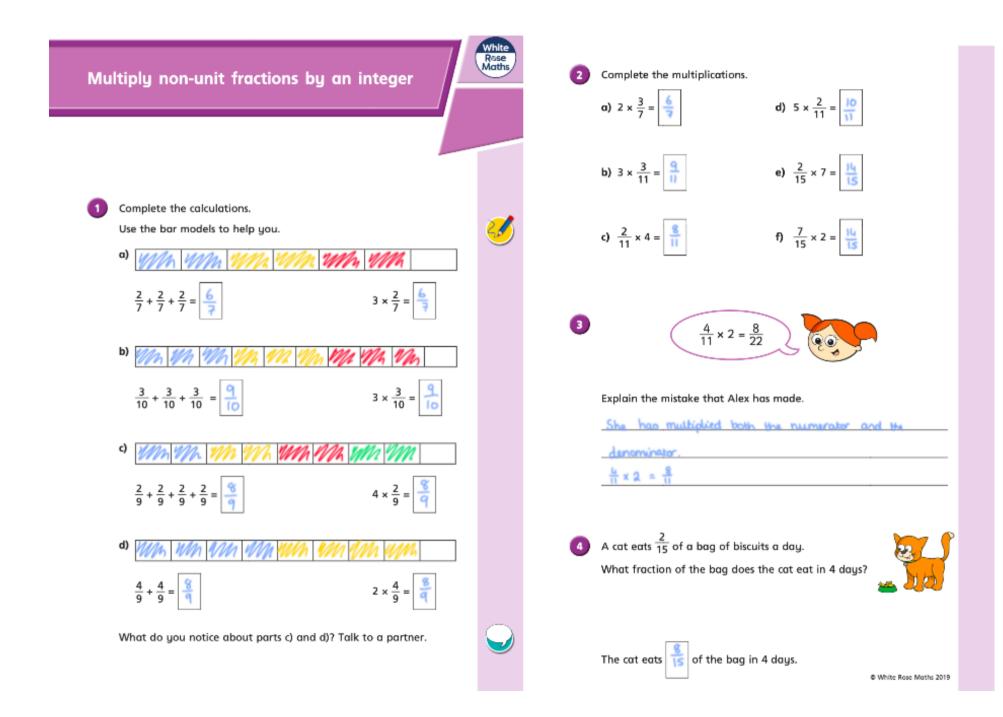
15

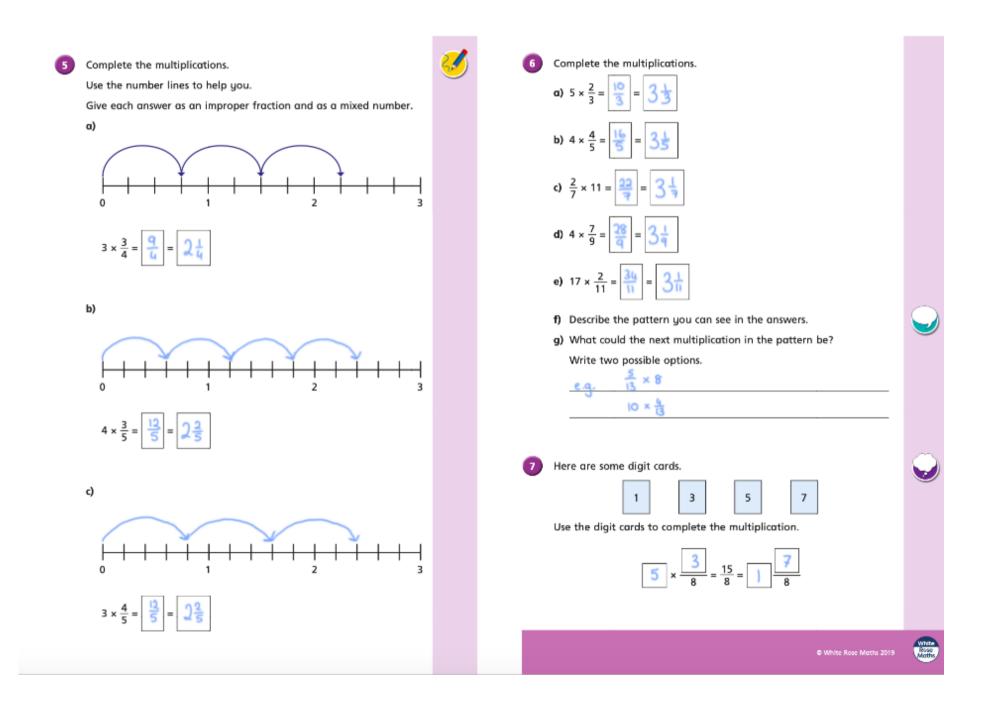
5 =



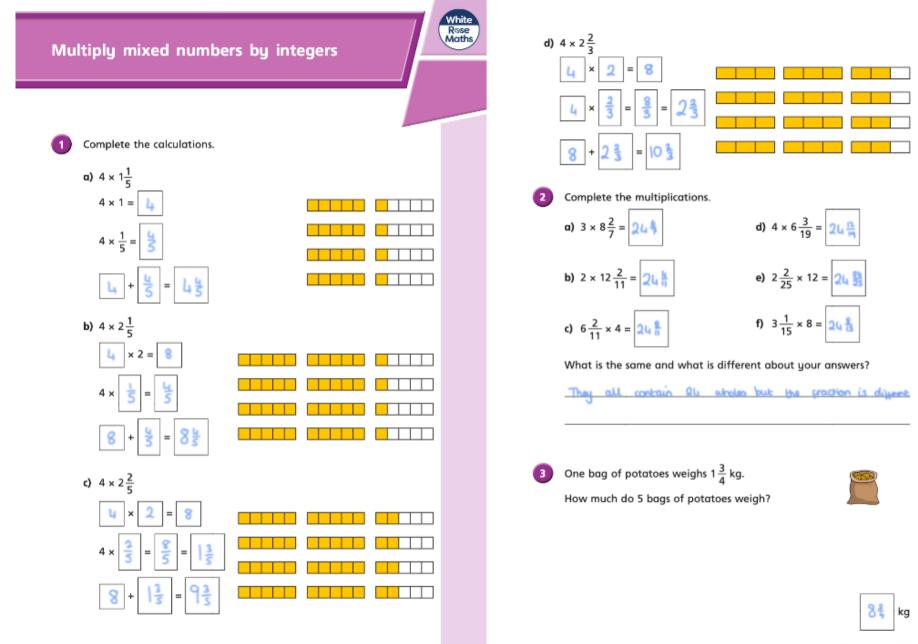
2

3	Complete the multiplications. a) $11 \times \frac{1}{10} = \boxed{11}_{10} = \boxed{11}_{10}$ b) $11 \times \frac{1}{9} = \boxed{11}_{9} = \boxed{12}_{9}$ c) $\frac{1}{8} \times 11 = \boxed{12}_{9} = \boxed{12}_{9}$ d) $11 \times \frac{1}{7} = \boxed{11}_{9} = \boxed{12}_{9}$ e) $11 \times \frac{1}{6} = \boxed{12}_{6} = \boxed{15}_{6}$ What do you notice? Does this pattern continue?		
0	Complete the calculations. a) $2 \times \frac{1}{3} = \frac{2}{3}$	e) $\frac{1}{8} \times = 1\frac{3}{8}$	
	b) 3 $\times \frac{1}{3} = 1$	f) $rac{1}{2} = 3\frac{1}{2}$	
	c) $7 \times \frac{1}{7} = 1$	g) $10 \times \frac{1}{3} = 3\frac{1}{3}$	
	d) $\frac{1}{7} \times \boxed{10} = 1\frac{3}{7}$	h) $\frac{1}{4} \times \boxed{13} = 3\frac{1}{4}$	
			White

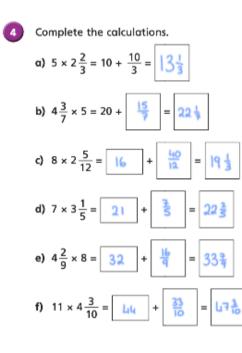




Lesson 2 ANSWERS



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 $5 \times 3\frac{2}{11} \text{ is equal to} \\ 3 \times 5\frac{2}{11}$

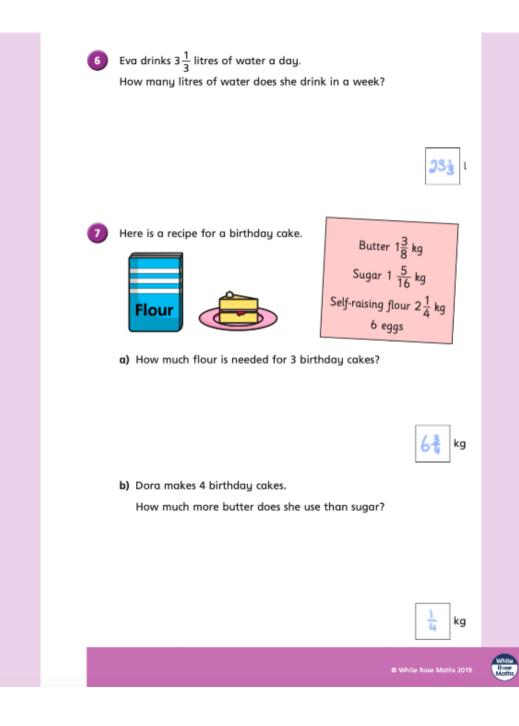
Do you agree with Ron? _____

Explain why.

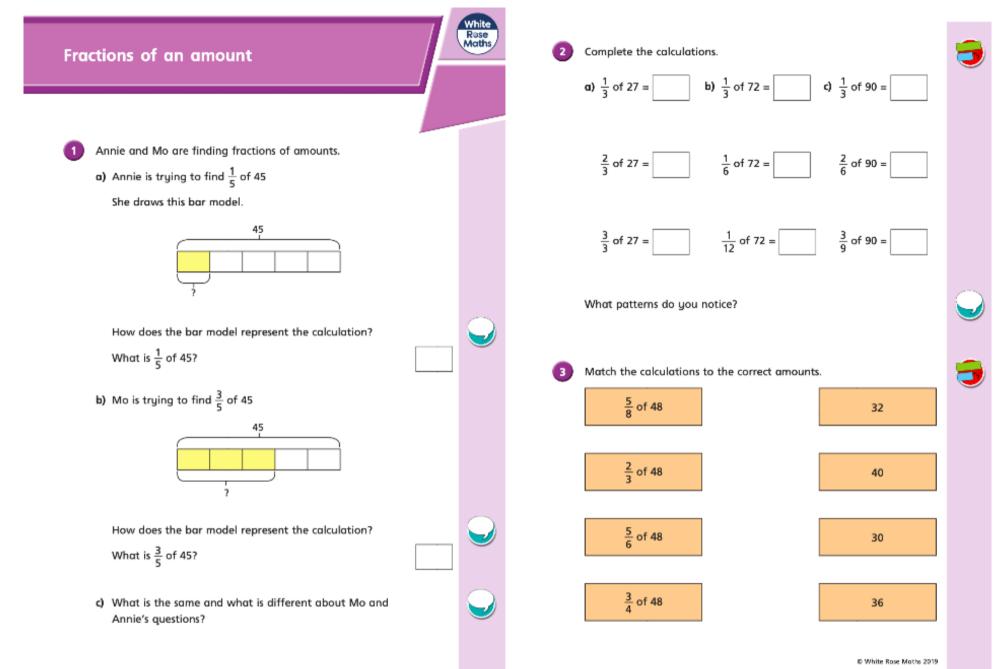
6

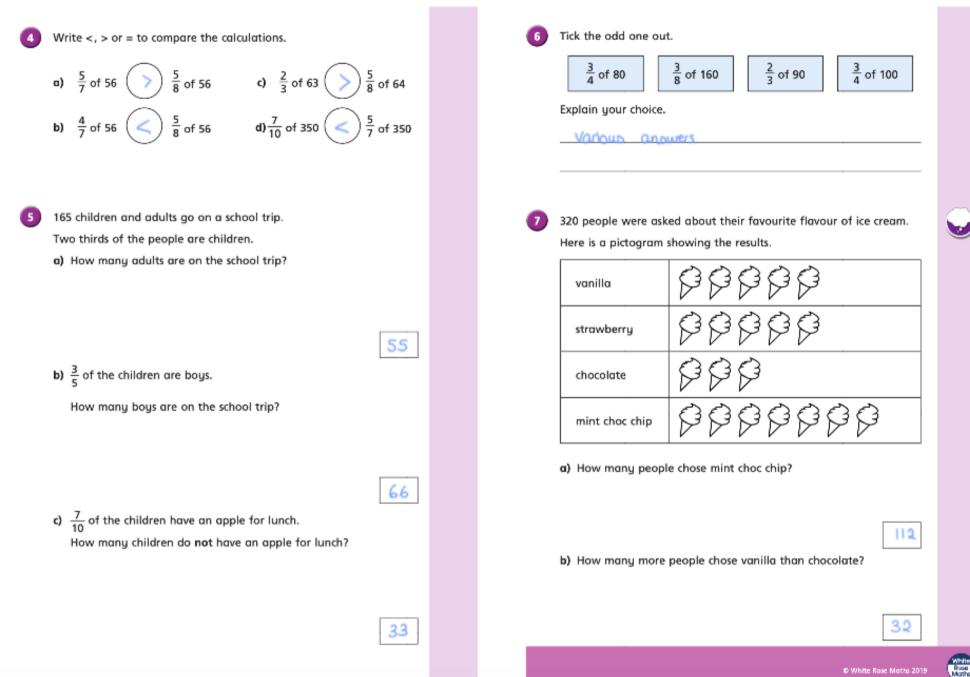
5×3휴 =15 유

3 > 57 = 15 fr

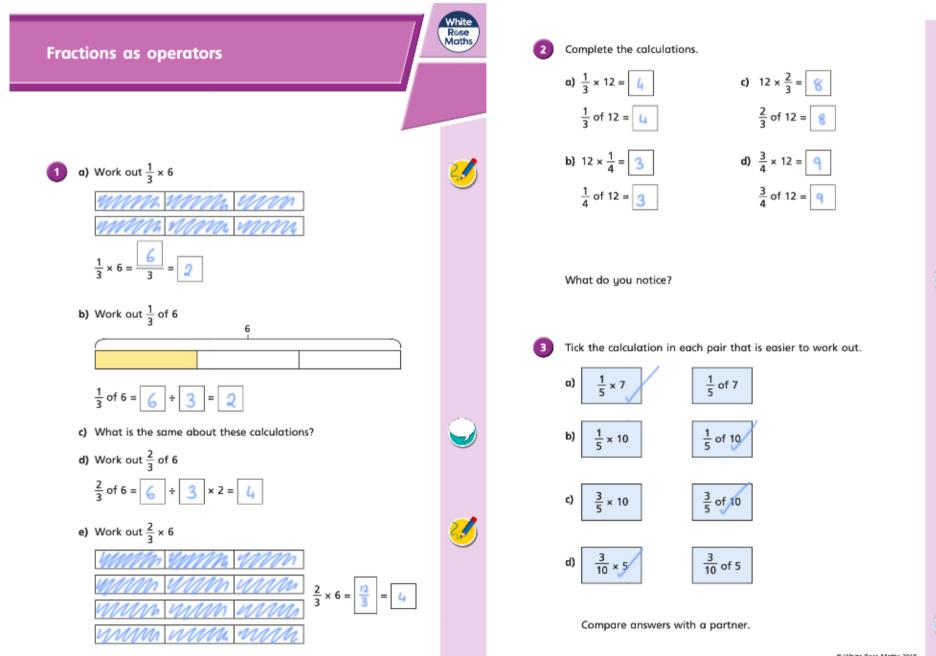


Lesson 3 ANSWERS





Lesson 4 ANSWERS



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