Progression in Mathematics at Hessle Academy

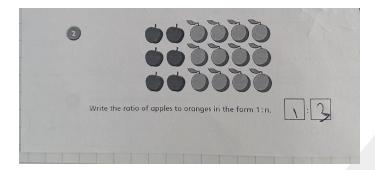








Learning Objective: Simplify a ratio



Exp	ress ratios in the form 1:n
0	For every one apple, there are four oranges. Boom State St
	 b) Compare answers with a partner. Can you see all of your answers in the picture?
	c) Which ratio is in its simplest form? How do you know? <u>1: 4 is the simplest</u> <u>form</u>
	d) Write the ratio 3:12 in the form 1:n.





Learning Objective: Share a quantity into a ratio

O) Pivide 7 52.50 in the hatio	8:7 = 15
· 313.3.3.3.13.5 3.13.5 2.2.8 35 3.13.3.13.5 3.13.5 2 24.5	52.50-15-3.5
F) Divide $\sharp 121$ in the ratio 9:2 $\frac{11}{11} \frac{11}{11} \frac{11}{11$	9 99:22





Learning Objective:

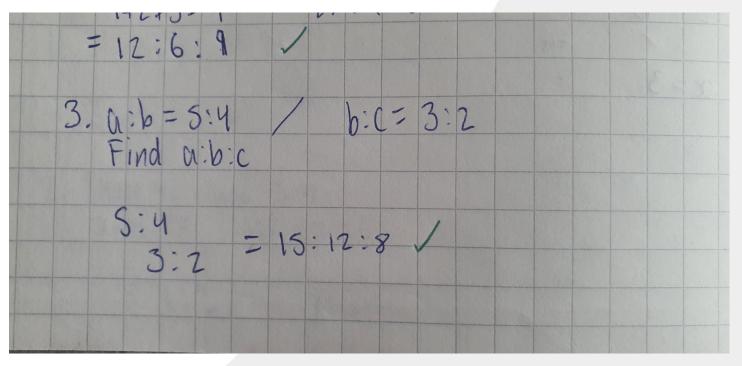
Calculate a quantity in a ratio when one is known and calculate ingredients needed for recipes.

(-503 of sugar)	
Dake is marking scenes (- 8 scores)	
(-2003 of flour) (-303 of sugar	
- 140mi of milk	
How much of each insteadings closes he n	read for:
@ 24 sones (6 2 scones	
(24+8=3) $(8+4=2)(200\times3=6008) (200+4=508)$	
$30 \times 3 = 90 \times 30 = 4 = 7.5 \times 10^{-10}$	3 DATE
(50×3=1503) (50÷4=12.58	
$(140 \times 3 = 420 \text{ m})$ $(140 \div 4 = 35 \text{ m})$ $(1 \times 3 = 3.8938)$ $(1 \div 4 = 0.25)$	





Learning Objective: Combine a:b and b:c into a:b:c







Learning Objective: Solve algebraic ratio problems

