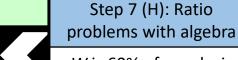
Year 9 Mathematics Learning Journey: Unit 14 - Ratio and Proportion



W is 60% of *x* and *y* is two-thirds of w. Find the ratio w:x:y



Shop A sells 3 cartons of juice for just £2.10. Shop B sells a carton of juice for £1.30 each but it is buy one get one free. Which gives best value for money?



Step 3: Inverse proportion

If two variables are inversely proportional, what happens to the value of one variable if the other is multiplied by a?

Step 4 (H): Inverse relationship graphs

Does a graph showing inverse proportion start at the origin?

Step 5 (R): Solve ratio problems

The angles in a triangle are in the ratio 2:5:2. Show the triangle is not right-angled.



Step 2 (R): Proportion and conversion graphs

Do all linear graphs show direct proportion relationships?



Step 1 (R): Direct proportion

How many different methods can you find to work out the cost of 14 packets if you know the cost of 4 packets?





I Achievement I resilience







