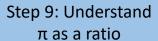
Year 8 Mathematics Learning Journey: Unit 3 - Ratio and Scale

Step 10(H): Gradient as a ratio

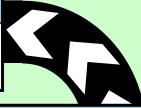
How is the gradient of 3/4 different to the gradient of 4/3?



Calculate the perimeter of a semicircle with a diameter 0.4cm.

Step 8: Compare ratios and fractions

Draw a bar model to represent two-fifths are red.



Step 4: Ratio m:n

Does adding one to each part change the ratio?

Step 5: Divide into a given ratio

Share £120 in the ratio of 2:9:1

Step 6: Express ratios in simplest form

Simplify the ratio 8a:10a

Step 7(H): Express ratios in the form 1:n

Which would be larger, a 1:200 scale model or a 1:300 scale model?

Step 3: Ratio 1: n

The ratio of grey to red squirrels in a forest is 15:1. There are 165 grey squirrels. How many red squirrels are there?

Step 2: Use ratio notation

Why are 2:1 and 1:2 different?

Step 1: Representations of ratio

Represent as a ratio "1 in every 3 snakes is poisonous".



I Achievement I resilience







COLLEGE