| Ratio |  |  | Knowledge Organiser |
| :---: | :---: | :---: | :---: |
| Key Vocabulary |  | Ratio Language | The Ratio Symbol |
| ratio | For every 1 circle, there are 2 triangles. |  |  |
| proportion |  |  |  |
| "for every... there are..." | For every 2 bananas, there are 3 apples. |  | The ratio of footballs to rugby balls: 1:4 The ratio of rugby balls to footballs: 4:1 |
| part |  |  |  |
| whole | For every 1 football, there are 3 rugby balls. |  | $\bigcirc \bigcirc \Delta \Delta$ <br> The ratio of circles to triangles: 2:3 <br> The ratio of triangles to circles: 3:2 |
| scale factor |  | $\bigcirc$ |  |
| enlargement | Ratio and Fractions |  |  |
| similar shapes |  | For every 1 rugby ball, there are 2 footballs. <br> Ratio of rugby balls to footballs: 1:2 $\frac{1}{3}$ of the balls are rugby balls. | The ratio of apples to bananas: 1:2 |
| length |  |  |  |
| width |  |  |  |
| perimeter |  | For every 1 triangle, there are 3 squares. | The ratio of bananas to oranges: 2:3 <br> The ratio of apples to bananas to oranges: 1:2:3 |
| twinkl visit wink.com |  | Ratio of triangles to squares: 1:3 <br> $\frac{1}{4}$ of the shapes are triangles. | The ratio of oranges to bananas to apples: 3:2:1 |



