

Holly's garden is divided into 5 equal sections. She will fence the garden into 3 areas by grouping some equal sections together. What part of the garden could each fenced area be?

Solution.

One garden is divided into 5 equal parts. So each part is $\frac{1}{5}$ of all area of the garden. She will fence the garden into 3 areas by grouping some equal sections together. She will not divide the existing parts again. Therefore she can group them by two ways to fence the garden into 3 areas:

1) $\left(\frac{1}{5} + \frac{1}{5} = \frac{2}{5}\right), \left(\frac{1}{5} + \frac{1}{5} = \frac{2}{5}\right), \frac{1}{5}$ part of the garden

2) $\left(\frac{1}{5} + \frac{1}{5} + \frac{1}{5} = \frac{3}{5}\right), \frac{1}{5}, \frac{1}{5}$ part of the garden

Answer.

1) $\frac{2}{5}, \frac{2}{5}, \frac{1}{5}$ part of the garden

2) $\frac{3}{5}, \frac{1}{5}, \frac{1}{5}$ part of the garden