

Workcard

Number

m34w1

Level: 3

Strand: Measurement

Substrand: Indirect Measure

Around the Outside

A farmer has 20m of fencing they must fence off a small garden on their property.

Draw 10 different gardens that would need 20m of fencing. Use some graph paper and a scale of 1cm = 1m. There are many possibilities. Take your time to create interesting designs.

Now calculate the area of the gardens. Draw a table and put in this information.

Perimeter	Area

Etc

What shape gives the largest area?

What shape gives the smallest?

The farmer used perimeter to use the fencing.

What are five situations where you would need to use perimeter.

Reflection

What did you do well in this activity?

What could have you improved?

What new things have you learnt?