Dash
Activity Cards

Dash would like to build a fence around his new garden space. The garden is 90cm on each side and there are 4 equal sides. How many total centimeters of fencing will Dash need?

Code or draw your thinking.

Dash recently planted trees along the perimeter of his new house. He says that the size of his yard is 120 cm by 90cm.

Code or draw Dash's new yard.

If the perimeter of Dash's new square garden is 240cm, how many centimeters is one side of Dash's garden?

Code or draw your thinking.

Dash needs to protect his garden vegetables from evil squirrels. He wants to block off his square garden with a fence. He has figured out he needs 80cm of fencing. How big is each side of his garden? **Code or draw your thinking.**

Dash is putting up a new fence along the perimeter of his yard. The rectangular yard is 60cm by 30 cm. How many total centimeters of fencing will Dash need?

Code or draw your thinking.

If the perimeter of Dash's new square garden is 80cm, how many centimeters is one side of Dash's garden?

Code or draw your thinking.

Dash needs to fence off the 60 cm perimeter of his square property to keep out unwanted animals. He wants to use only one Drive Forward block and one Turn Block. What specific code blocks would he need?
Build out Dash's full code.

Dash needs to map out his 120 cm x 70 cm rectangular property. How many unique code blocks will Dash need?
Build out Dash's full code.

Dash needs to put up a fence to block out an evil robot from entering his 150 cm x 90 cm rectangular property. How many unique code blocks will Dash need?
Build out Dash's full code.

Dash wants to move in a shape that has 4 equal sides and 4 right angles. Can you map out his path using only one Drive Forward block and one Turn Block?
Build out Dash's full code.

Dash wants to move in a shape that has 2 acute angles and 2 obtuse angles. Can you map out his path using the least amount of Drive Forward blocks and Turn Blocks?
Build out Dash's full code.

Dash wants to move in a shape that has 2 sets of equal sides and 4 right angles. Can you map out his path using the least amount of Drive Forward blocks and Turn Blocks?
Build out Dash's full code.