



Pumpkin Patch

Right before pumpkin picking season, Piper hires you to work at her pumpkin patch. Your first task is to determine the number of pumpkins available for picking. Piper grows both pumpkins and gourds in the pick-your-own field.

The diagram on the next page shows the field that contains the pumpkins and the gourds.

- The orange shapes represent pumpkins.
- The green shapes represent gourds.
- There are also gaps in the field.

You and Piper agree that it would take too long to count all the pumpkins in the field.

- 1 Design and carry out a method to estimate the total number of pumpkins in the field without counting all the shapes. Then prepare a presentation for your classmates that includes an explanation of your method, your results, and justification of your estimate.



Pumpkins and Gourds

