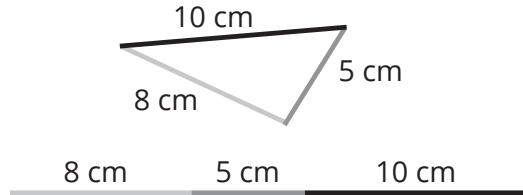


Dear parent or guardian: This is a summary of the key ideas your child is learning in mathematics. You can use this summary as background as you support your child's work.

3 One Perimeter, Multiple Shapes

Perimeter Is a Length

The perimeter of a shape describes the total length of its border.

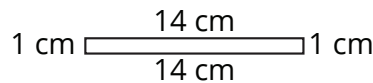
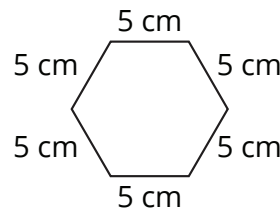
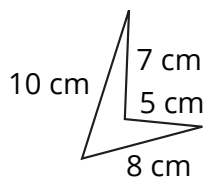
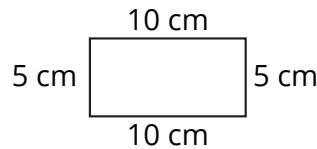
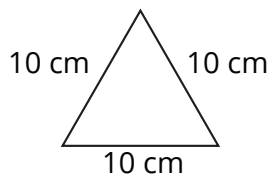


If the border (the perimeter) of this triangle were straightened out, it would be a line 23 cm long.

One Perimeter, Lots of Shapes

This line could be reformed into other shapes, so shapes that look different could all have the same perimeter. The perimeter of a shape is the lengths of all the sides added together.

For example, each of these shapes has a perimeter of 30 cm.



Notes

Shapes with the same perimeter can have a lot of space inside, like the hexagon shown above, or not very much, like the thin rectangle shown above.

Definitions

perimeter: the length of the outside edge or boundary of a shape