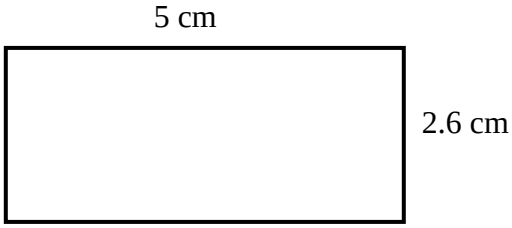
Lesson 3

Midpoint of Polygons Practice

1. Find the midpoint of each of the following shapes.

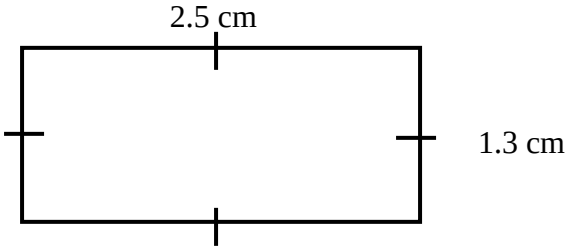
a.



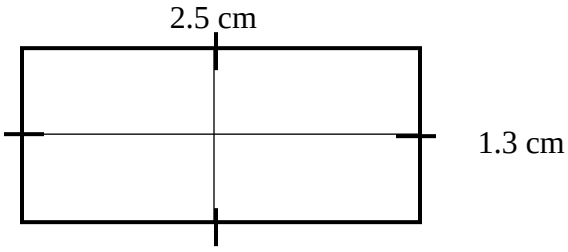
Step 1: Find the midpoint of each side.

Midpoint of length = 5 ÷ 2
= 2.5 cm

Midpoint of width = 2.6 ÷ 2
= 1.3 cm

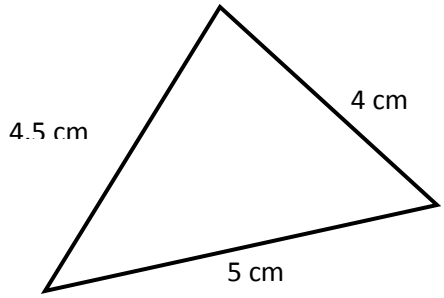


Step 2: Connect opposing midpoints with a line, using a ruler.



The midpoint of the rectangle is where the two lines intersect.

b.

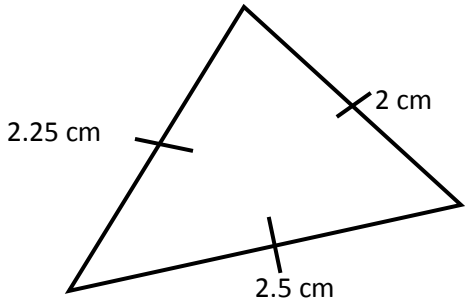


Step 1: Find the midpoint of each side.

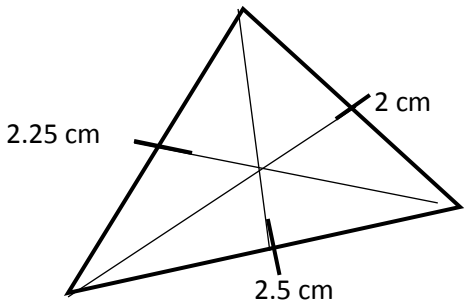
Midpoint of side 1 = 4.5 ÷ 2
= 2.25 cm

Midpoint of side 2 = 4 ÷ 2
= 2 cm

Midpoint of side 3 = 5 ÷ 2
= 2.5 cm



Step 2: Connect opposing midpoints with a line, using a ruler.



The midpoint of the triangle is where the three lines intersect.