

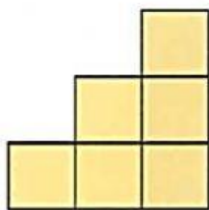
Mathematics

Area and Perimeter

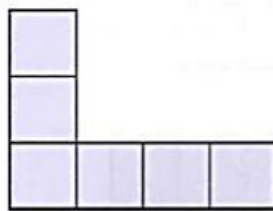
Wednesday

Press play

These figures are made up of the same number of 1-centimeter squares.



A



B

They have the same area.

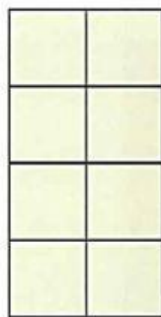
The area of each figure is square centimeters.

They have different perimeters.

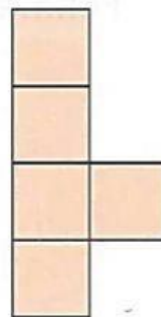
The perimeter of Figure A is centimeters.

The perimeter of Figure B is centimeters.

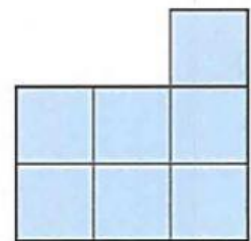
Press play These figures are made up of 1-meter squares.



C



D



E

They have different areas.

The area of Figure C is square meters.

The area of Figure D is square meters.

The area of Figure E is square meters.

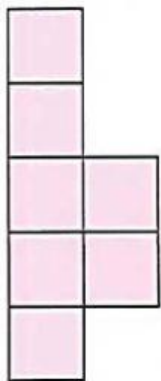
They have the same perimeter.

The perimeter of each figure is meters.

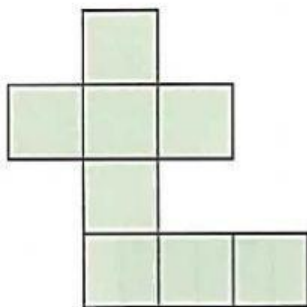
Press play

DO

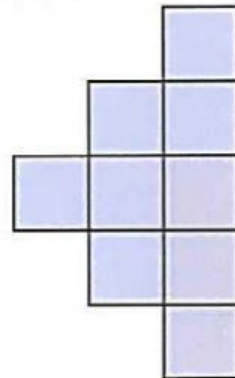
These figures are made up of 1-centimeter squares.



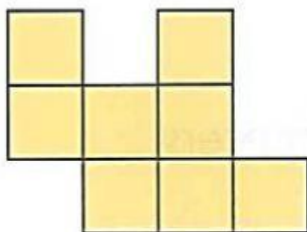
P



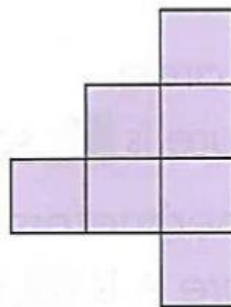
Q



R



S



T

- a) Find the area and perimeter of each figure.

Figure	Area (cm^2)	Perimeter (cm)
P		
Q		
R		
S		
T		

Compare the areas and perimeters of the figures.

- b) Figure ____ and Figure ____ have the same area but different perimeters.
- c) Figure ____ and Figure ____ have the same perimeter but different areas.
- d) Figure ____ and Figure ____ have the same area and perimeter.