Have a go at the challenges below. Remember! The perimeter of a shape is the measurement of the outline of the shape s $\sigma$ you need to add the sides together. A rectilinear shape is a shape where all the sides meet at right angles.

Which of these shapes has the longest perimeter?


Explore other letters which could be drawn as rectilinear shapes.

Put them in order of shortest to longest perimeter.

Can you make a word?

## E has a greater

 perimeter, it is 18 compared to 16 for $T$.Open ended.
Letters which could be drawn include:

B C D FIJL
O P
Letters with
diagonal lines would be omitted. If heights of letters are kept the same, I or $L$ could be the shortest.

The shortest perimeter would be 14 m in a $2 \times 5$ arrangement or $3 \times 3$ square with one added on.


The longest would


