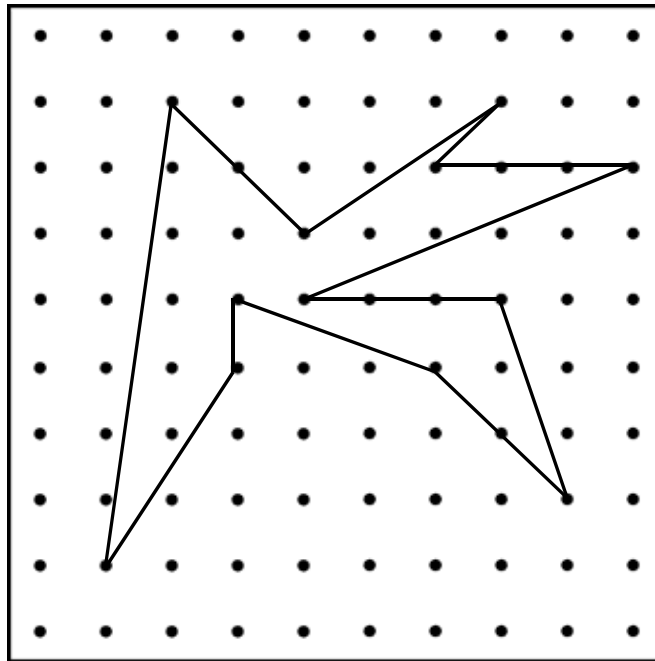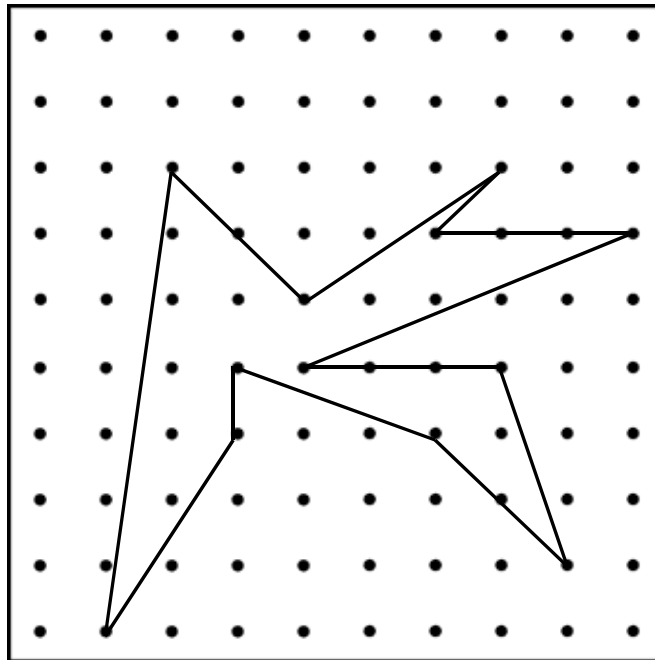1. Find the area of the following figures on the geo-board below. The shortest distance between pegs is light-years.

2. Find the exact perimeter now of the figure below. The shortest distance between pegs is still light-years.

3.
 Circle T if true, F if false.

Irrational numbers can be written as infinite repeating decimals.   T   F

Infinite decimal numbers are irrational.   T   F

If we double every side of a cube, then its surface area becomes four times bigger than it
was originally.

                                                                            T   F

The difference of two irrational numbers is always irrational.   T   F

If we double every side of a cube, then its volume becomes 8 times bigger than it was
originally.

                                                                            T   F

Infinite continued fractions, with repeating numbers, like [1;2,2,2,2,2,2,2,2 …] are
rational.

                                                                            T   F

5.382 is an infinite repeating decimal.

                                                                            T   F