5/3/2021 (Friday) – L.I. Can I calculate the area of an irregular shape?

1. Estimate the area of the shapes by counting squares.
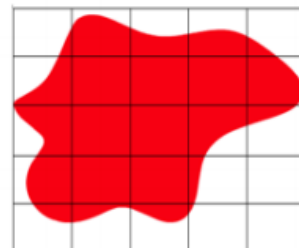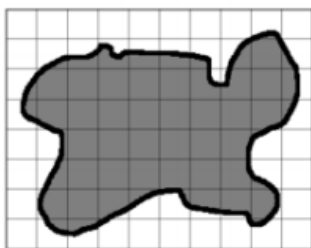
Each square = 1m².

Ron's answer is 4 whole squares and 11 parts. Is this an acceptable answer?
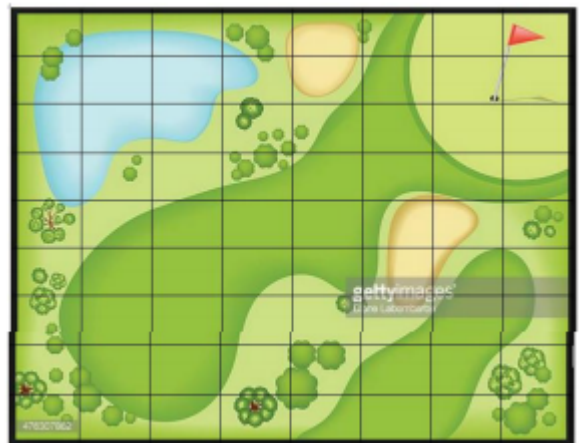What can we do with the parts to find an approximate answer?

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2. If all of the squares are 1cm in length, which shape has the greatest area? Explain your answer.

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3. If each square represents 3m², what is the approximate area of:
   - The lake _____

   - The bunkers (sand) _____

   - The fairway (dark green) _____

   - The rough _____

4. Can you construct a 'Pirate Island' to be used as part of a treasure map for a new game? Each square should represent 4m². The island must include the following features and follow the approximate measurements:
   - A circular island which is 180m².
   - An oval lake 58m²
   - Forests with a total area of 63m² (can be split over more than one space)
   - Beaches with a total area of 92m² (can be split over more than one space)
   - Mountains with a total area of 57m²
   - Rocky coastline with total area of 25m²