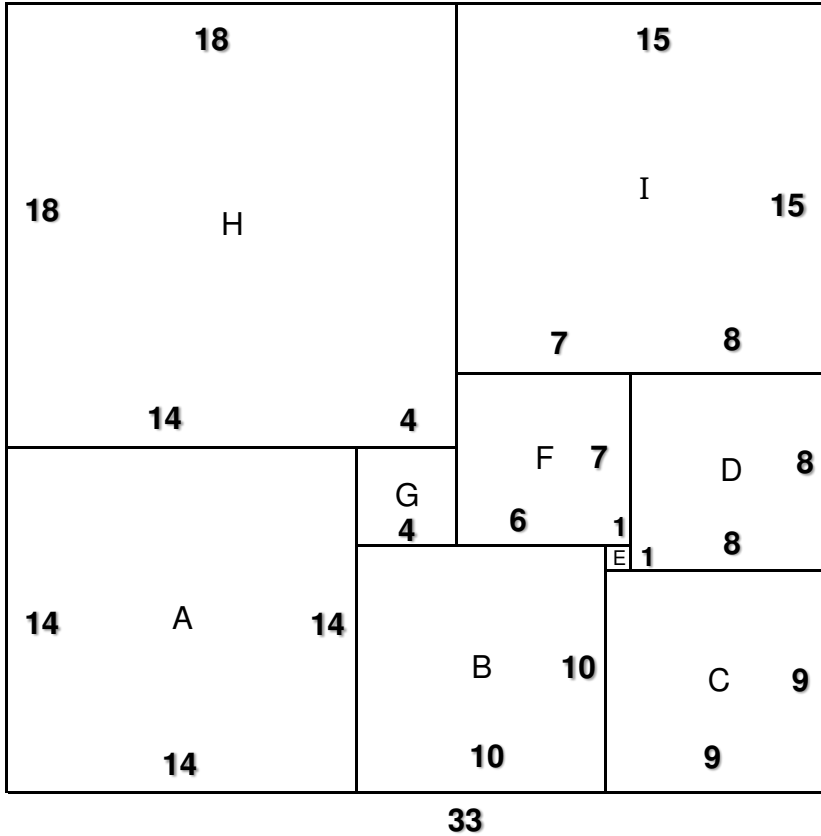


TO BE OR NOT TO BE A SQUARE

ANSWERS

No rulers or other measuring devices.



1. All the pieces in the large quadrilateral are squares.
2. The area of D = 64 square units
3. The area of C = 81 square units

Questions

Do all the pieces together form one large square? Explain.

NO, SIDES ARE DIFFERENT LENGTHS

32 33×32

What is the area of the large quadrilateral?

$33 \times 32 = 1,056$ SQUARE UNITS

To solve you'll need to use the initial information to find the lengths and widths of the other squares.

Example

Since Square C has sides of 9 and Square E has sides of 1, Square B must be 10 ($9 + 1 = 10$).

