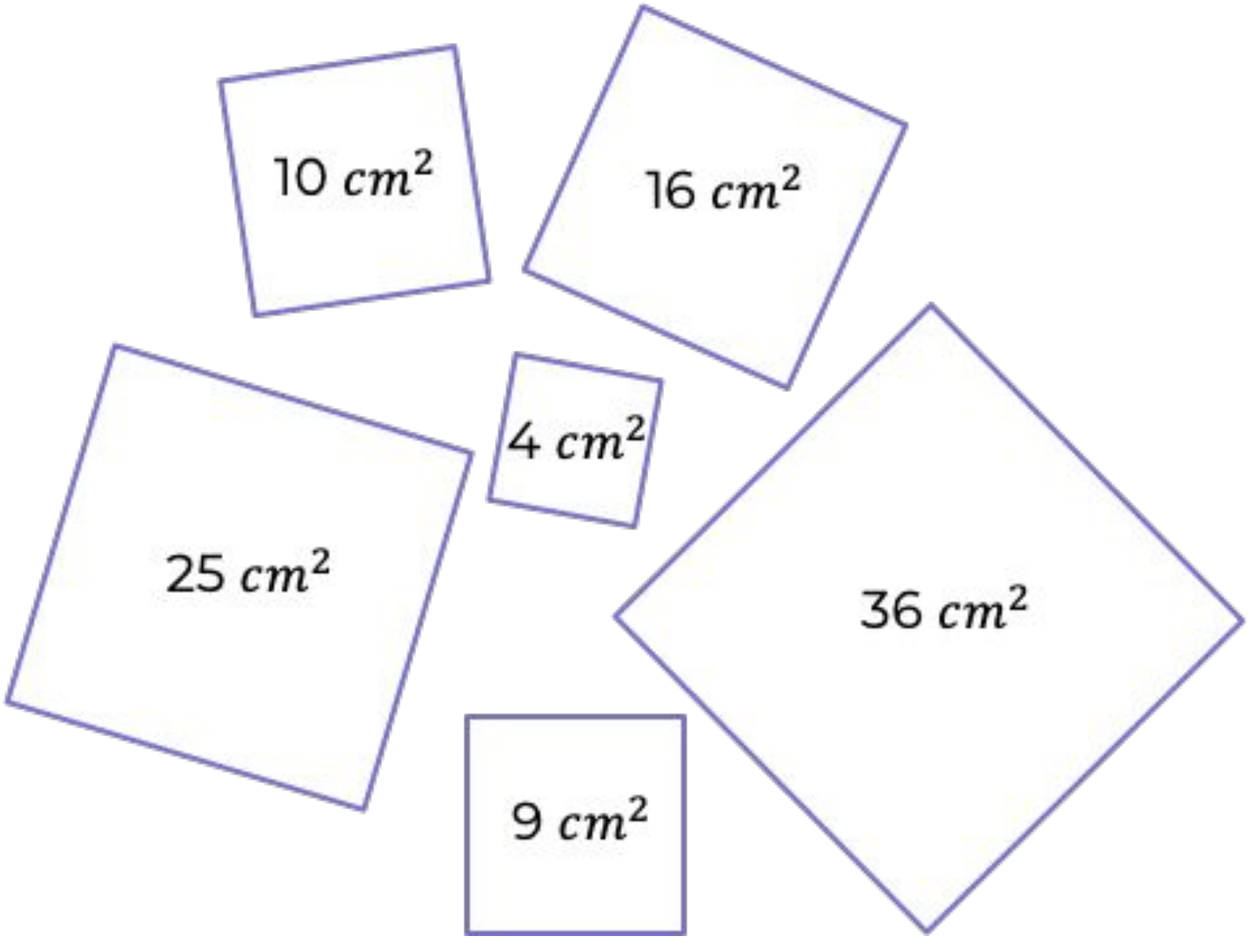
# Surds from tilted squares.

# Downloadable resource.
# Lesson 2 of 8.

Dr Rim Saada

# Try this

For each of these squares, find the length of one side from the given area?



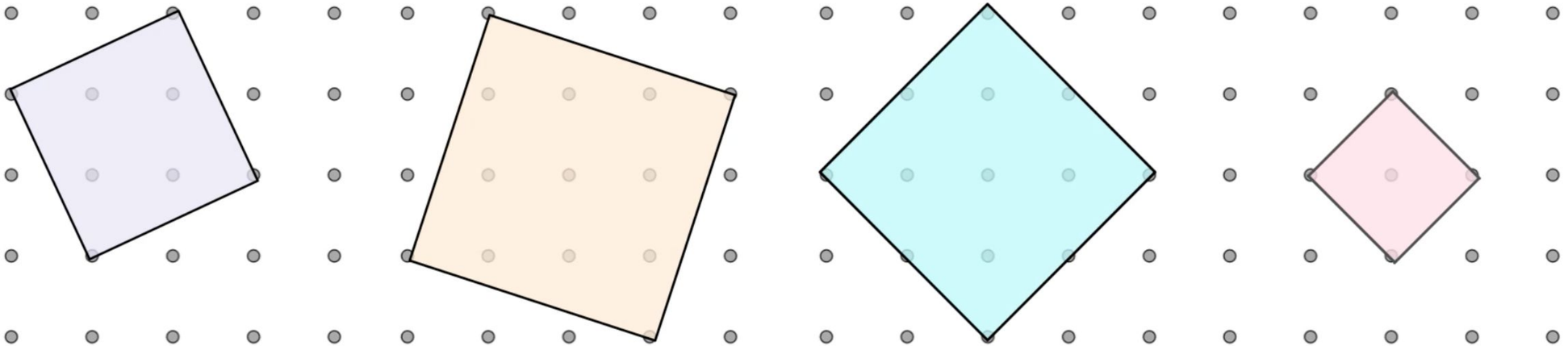

What do you notice?

Which is the odd one out?

# Independent task

1) Find the area **and** side length of the squares shown below.

Leave your answer in surd form.



# Explore

What are the areas, and side lengths of these squares?

What might the next square in this pattern look like?

How could you describe it?

What would it’s area and side length be?