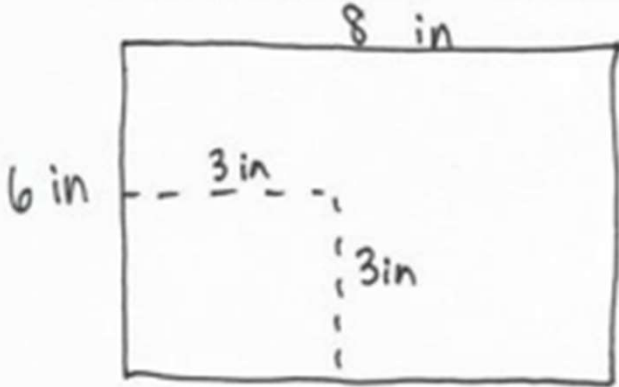# Area of Composite Shapes Worksheets (Rectangles)

3. A paper rectangle has a length of 6 inches and a width of 8 inches. A square with a side length of 3 inches was cut out of it. What is the area of the remaining paper?

4. Tila and Evan both have paper rectangles measuring 6 cm by 9 cm. Tila cuts a 3 cm by 4 cm rectangle out of hers and Evan cuts a 2 cm by 6 cm rectangle out of his. Tila says she has more paper left over. Evan says they have the same amount. Who is correct? Show your work below.

Area of Composite Shapes Worksheets (Rectangles)

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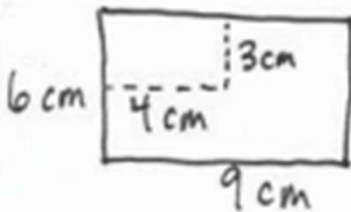
$6 \times 8 = 48$ sq. in
$3 \times 3 = 9$ sq. in
$48 - 9 = 39$ sq. in

The area of the remaining paper is 39 sq. inches.

4. Tila and Evan both have paper rectangles measuring 6 cm by 9 cm. Tila cuts a 3 cm by 4 cm rectangle out of hers and Evan cuts a 2 cm by 6 cm rectangle out of his. Tila says she has more paper left over. Evan says they have the same amount. Who is correct? Show your work below.
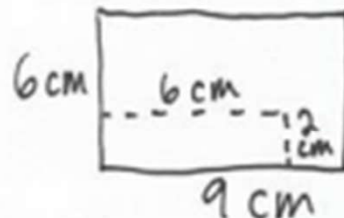
Tila

$6 \times 9 = 54$ sq. cm
$3 \times 4 = 12$ sq. cm
$54 - 12 = 42$ sq. cm

Evan

$6 \times 9 = 54$ sq. cm
$2 \times 6 = 12$ sq. cm
$54 - 12 = 42$ sq. cm

Evan is correct. They both have 42 sq. cm of paper left.