

How Many Rectangles with 30 Tiles?



1. Fill in this table and list all the rectangles possible with 30 tiles. You may use square-inch tiles to help you. The first line is done for you.

Number of Rows	Number in Each Row	Division Sentence	Factors
1	30	$30 \div 1 = 30$	1, 30

2. Is 30 a multiple of 2? How do you know?
3. Is 3 a factor of 30? How do you know?
4. Is 30 a multiple of 4? How do you know?
5. List all the factors of 30.