

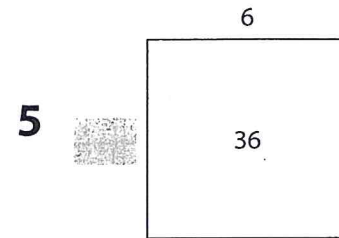
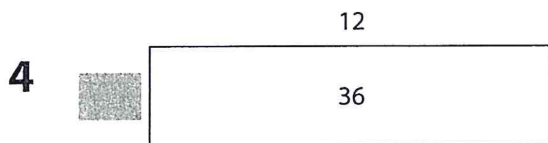
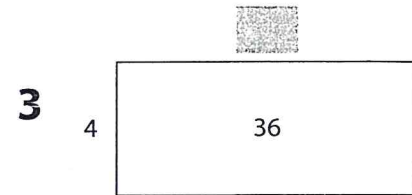
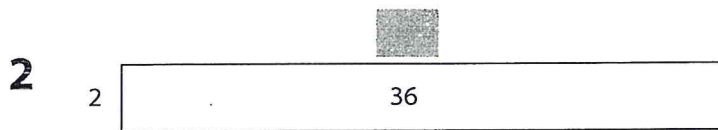
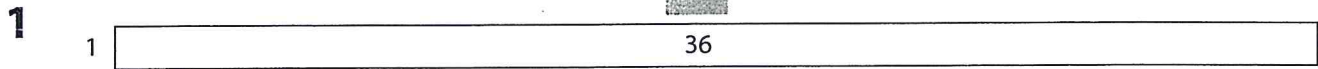
NAME _____

DATE _____



Factors of 36

Use 36 tiles to build each rectangle below. After you build each rectangle, lay red linear pieces along the left side and the top. Then write in the missing dimensions on the sketches below.



6 The factors of 36 are:

1 and _____, 2 and _____, 4 and _____, _____ and 12, _____ and 6

7 Is 36 a *prime* or a *composite* number?

a How do you know?

8 Study the list of factors of 36. What patterns do you observe?