Find the common factors of each pair of numbers.

Find the common factors of 9 and 36.

Factors of 9: 1x 9, 3x3

Factors of 36: 1x36, 2x18, 3x12, 4x9

Common factors: 1,2,3,9

Find the common factors of 48 and 144

Factors of 48: 1x48, 2x24, 3x16, 4x12, 6x8

Factors of 144: 1x144, 2x 72, 3x48, 4x36, 6x24, 8x18, 9x16, 12x12

Common factors: 1,2, 3,4, 6, 8, 12, 16, 24, 48

Find the common factors of 36 and 90

Factors of 36: 1x36, 2x18, 3x12, 6x6

Factors of 90: 1x90, 2x45, 3x30, 5x18, 6x15, 9x10

Common factors: 1,2,3,6, 18

Circle all the common factors of 45 and 60

(5)   6   9   (15)   30

Sort the numbers into the correct category.

Factors of 54	Factors of 18	Factors of both
27	18	2 3 6 9