

Factors: Product Strategy

ES1

Complete the product strategy to find the factors of each number.

1) 36

$\square \times 36 = 36$

$2 \times \square = 36$

$\square \times 12 = 36$

$4 \times \square = 36$

$\square \times 6 = 36$

The factors of 36 are _____

2) 12

$1 \times \square = 12$

$\square \times 6 = 12$

$3 \times \square = 12$

The factors of 12 are _____

3) 28

$1 \times \square = 28$

$2 \times \square = 28$

$\square \times 7 = 28$

The factors of 28 are _____

4) 45

$\square \times 45 = 45$

$\square \times 15 = 45$

$5 \times \square = 45$

The factors of 45 are _____

5) Write your own product strategy to find the factors of 50.

The factors of 50 are _____

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ES1

Complete the product strategy to find the factors of each number.

1) 36

$$\boxed{1} \times 36 = 36$$

$$2 \times \boxed{18} = 36$$

$$\boxed{3} \times 12 = 36$$

$$4 \times \boxed{9} = 36$$

$$\boxed{6} \times 6 = 36$$

The factors of 36 are 1, 2, 3, 4, 6, 9,
12, 18, 36

2) 12

$$1 \times \boxed{12} = 12$$

$$\boxed{2} \times 6 = 12$$

$$3 \times \boxed{4} = 12$$

The factors of 12 are 1, 2, 3, 4, 6, 12

3) 28

$$1 \times \boxed{28} = 28$$

$$2 \times \boxed{14} = 28$$

$$\boxed{4} \times 7 = 28$$

The factors of 28 are 1, 2, 4, 7, 14,
28

4) 45

$$\boxed{1} \times 45 = 45$$

$$\boxed{3} \times 15 = 45$$

$$5 \times \boxed{9} = 45$$

The factors of 45 are 1, 3, 5, 9, 15,
45

5) Write your own product strategy to find the factors of 50.

$$1 \times 50 = 50$$

$$2 \times 25 = 50$$

$$5 \times 10 = 50$$

The factors of 50 are 1, 2, 5, 10, 25, 50