

**Prime Factorization**

ES2

Write each number in prime factor form.

1) 48

\_\_\_\_\_

2) 12

\_\_\_\_\_

3) 10

\_\_\_\_\_

4) 35

\_\_\_\_\_

5) 42

\_\_\_\_\_

7) 6

\_\_\_\_\_

9) 28

\_\_\_\_\_

11) 33

\_\_\_\_\_

12) 18

\_\_\_\_\_

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**Answer key****Prime Factorization**

ES2

Write each number in prime factor form.

1) 48

$48 = 2 \times 2 \times 2 \times 2 \times 3$

2) 12

$12 = 2 \times 2 \times 3$

3) 10

$10 = 2 \times 5$

4) 35

5) 42

$42 = 2 \times 3 \times 7$

7) 6

$6 = 2 \times 3$

9) 28

$28 = 2 \times 2 \times 7$

12) 18

$18 = 2 \times 3 \times 3$

11) 33

$33 = 3 \times 11$

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