Name

Prime Factorization - Is Number a Multiple - From Value as Factors

1

$60 = 2^2 \cdot 3 \cdot 5$

$30 = 2 \cdot 3 \cdot 5$

Is 60 a multiple of 30

is 60 a multiple of 30?

A Yes

B No

2

$60 = 2^2 \cdot 3 \cdot 5$

$20 = 2^2 \cdot 5$

Is 60 a multiple of 20

is 60 a multiple of 20?

A Yes

B No

3

$490 = 2 \cdot 5 \cdot 7^2$

$154 = 2 \cdot 7 \cdot 11$

Is 490 a multiple of 154

is 490 a multiple of 154?

A Yes

B No

4

$196 = 2^2 \cdot 7^2$

$28 = 2^2 \cdot 7$

Is 196 a multiple of 28

is 196 a multiple of 28?

A Yes

B No

5

$126 = 2 \cdot 3^2 \cdot 7$

$42 = 2 \cdot 3 \cdot 7$

Is 126 a multiple of 42

is 126 a multiple of 42?

A Yes

B No

6

$735 = 3 \cdot 5 \cdot 7^2$

$147 = 3 \cdot 7^2$

Is 735 a multiple of 147

is 735 a multiple of 147?

A Yes

B No

7

$84 = 2^2 \cdot 3 \cdot 7$

$42 = 2 \cdot 3 \cdot 7$

Is 84 a multiple of 42

is 84 a multiple of 42?

A Yes

B No

8

$441 = 3^2 \cdot 7^2$

$98 = 2 \cdot 7^2$

Is 441 a multiple of 98

is 441 a multiple of 98?

A Yes

B No