Name

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

1

$45 = 3^2 \cdot 5$

$6 = 2 \cdot 3$

Is 45 a multiple of 6

is 45 a multiple of 6?

A Yes

B No

2

$70 = 2 \cdot 5 \cdot 7$

$14 = 2 \cdot 7$

Is 70 a multiple of 14

is 70 a multiple of 14?

A Yes

B No

3

$42 = 2 \cdot 3 \cdot 7$

$14 = 2 \cdot 7$

Is 42 a multiple of 14

is 42 a multiple of 14?

A Yes

B No

4

$105 = 3 \cdot 5 \cdot 7$

$51 = 3 \cdot 17$

Is 105 a multiple of 51

is 105 a multiple of 51?

A Yes

B No

5

$63 = 3^2 \cdot 7$

$14 = 2 \cdot 7$

Is 63 a multiple of 14

is 63 a multiple of 14?

A Yes

B No

6

$175 = 5^2 \cdot 7$

$35 = 5 \cdot 7$

Is 175 a multiple of 35

is 175 a multiple of 35?

A Yes

B No

7

$42 = 2 \cdot 3 \cdot 7$

$15 = 3 \cdot 5$

Is 42 a multiple of 15

is 42 a multiple of 15?

A Yes

B No

8

$98 = 2 \cdot 7^2$

$21 = 3 \cdot 7$

Is 98 a multiple of 21

is 98 a multiple of 21?

A Yes

B No