



Math worksheet on 'Prime Factorization - Is Number a Factor - From Value as Factors (Level 1)'. Part of a broader unit on 'Digits and Divisibility - Intro'

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$$15 = 3 \cdot 5$$

$$42 = 2 \cdot 3 \cdot 7$$

Is 15 a factor of 42

is 15 a factor of  
42?

a

Yes

b

No

2

$$35 = 5 \cdot 7$$

$$42 = 2 \cdot 3 \cdot 7$$

Is 35 a factor of 42

is 35 a factor of  
42?

a

Yes

b

No

3

$$9 = 3^2$$

$$18 = 2 \cdot 3^2$$

Is 9 a factor of 18

is 9 a factor of  
18?

a

Yes

b

No

4

$$6 = 2 \cdot 3$$

$$70 = 2 \cdot 5 \cdot 7$$

Is 6 a factor of 70

is 6 a factor of  
70?

a

Yes

b

No

5

$$15 = 3 \cdot 5$$

$$30 = 2 \cdot 3 \cdot 5$$

Is 15 a factor of 30

is 15 a factor of  
30?

a

Yes

b

No

6

$$9 = 3^2$$

$$30 = 2 \cdot 3 \cdot 5$$

Is 9 a factor of 30

is 9 a factor of  
30?

a

Yes

b

No

7

$$6 = 2 \cdot 3$$

$$30 = 2 \cdot 3 \cdot 5$$

Is 6 a factor of 30

is 6 a factor of  
30?

a

Yes

b

No