Math worksheet on *'Prime Factorization - Is Number a Factor - From Value as Factors (Level 2)'*. Part of a broader unit on *'Factoring and Venn Factor Diagrams - Practice'*

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1

$105 = 3 \cdot 5 \cdot 7$

Is 105 a factor of 210

$210 = 2 \cdot 3 \cdot 5 \cdot 7$

is 105 a factor of 210?

a	b
Yes	No

2

$28 = 2^2 \cdot 7$

Is 28 a factor of 210

$210 = 2 \cdot 3 \cdot 5 \cdot 7$

is 28 a factor of 210?

a	b
Yes	No

3

$28 = 2^2 \cdot 7$

Is 28 a factor of 84

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

is 28 a factor of 84?

a	b
Yes	No

4

$105 = 3 \cdot 5 \cdot 7$

Is 105 a factor of 462

$462 = 2 \cdot 3 \cdot 7 \cdot 11$

is 105 a factor of 462?

a	b
Yes	No

5

$12 = 2^2 \cdot 3$

Is 12 a factor of 60

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

is 12 a factor of 60?

a	b
Yes	No

6

$105 = 3 \cdot 5 \cdot 7$

Is 105 a factor of 330

$330 = 2 \cdot 3 \cdot 5 \cdot 11$

is 105 a factor of 330?

a	b
Yes	No

7

$147 = 3 \cdot 7^2$

Is 147 a factor of 294

$294 = 2 \cdot 3 \cdot 7^2$

is 147 a factor of 294?

a	b
Yes	No