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

Learn online:
app.mobius.academy/math/units/factoring_and_venn_diagrams_practice/

1

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

$70 = 2 \cdot 5 \cdot 7$

Is 210 a multiple of 70 is 210 a multiple of 70?

a Yes **b** No

2

$1225 = 5^2 \cdot 7^2$

$245 = 5 \cdot 7^2$

Is 1225 a multiple of 245 is 1225 a multiple of 245?

a Yes **b** No

3

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

$98 = 2 \cdot 7^2$

Is 441 a multiple of 98 is 441 a multiple of 98?

a Yes **b** No

4

$525 = 3 \cdot 5^2 \cdot 7$

$70 = 2 \cdot 5 \cdot 7$

Is 525 a multiple of 70 is 525 a multiple of 70?

a Yes **b** No

5

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

$30 = 2 \cdot 3 \cdot 5$

Is 60 a multiple of 30 is 60 a multiple of 30?

a Yes **b** No

6

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

$105 = 3 \cdot 5 \cdot 7$

Is 210 a multiple of 105 is 210 a multiple of 105?

a Yes **b** No

7

$315 = 3^2 \cdot 5 \cdot 7$

$105 = 3 \cdot 5 \cdot 7$

Is 315 a multiple of 105 is 315 a multiple of 105?

a Yes **b** No