Math worksheet on *'Prime Factorization - Is Number a Factor of Both - From Values as Factors (Level 1)'*. Part of a broader unit on *'Factoring and Venn Factor Diagrams - Practice'*

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1

$14 = 2 \cdot 7$

$105 = 3 \cdot 5 \cdot 7$

$66 = 2 \cdot 3 \cdot 11$

Is 14 a factor of both 105 and 66?

is 14 a factor of 105 and 66?

a Yes **b** No

2

$21 = 3 \cdot 7$

$70 = 2 \cdot 5 \cdot 7$

$154 = 2 \cdot 7 \cdot 11$

Is 21 a factor of both 70 and 154?

is 21 a factor of 70 and 154?

a Yes **b** No

3

$15 = 3 \cdot 5$

$70 = 2 \cdot 5 \cdot 7$

$110 = 2 \cdot 5 \cdot 11$

Is 15 a factor of both 70 and 110?

is 15 a factor of 70 and 110?

a Yes **b** No

4

$10 = 2 \cdot 5$

$105 = 3 \cdot 5 \cdot 7$

$66 = 2 \cdot 3 \cdot 11$

Is 10 a factor of both 105 and 66?

is 10 a factor of 105 and 66?

a Yes **b** No

5

$14 = 2 \cdot 7$

$42 = 2 \cdot 3 \cdot 7$

$70 = 2 \cdot 5 \cdot 7$

Is 14 a factor of both 42 and 70?

is 14 a factor of 42 and 70?

a Yes **b** No

6

$21 = 3 \cdot 7$

$42 = 2 \cdot 3 \cdot 7$

$105 = 3 \cdot 5 \cdot 7$

Is 21 a factor of both 42 and 105?

is 21 a factor of 42 and 105?

a Yes **b** No

7

$6 = 2 \cdot 3$

$30 = 2 \cdot 3 \cdot 5$

$42 = 2 \cdot 3 \cdot 7$

Is 6 a factor of both 30 and 42?

is 6 a factor of 30 and 42?

a Yes **b** No

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