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

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$x = 2 \cdot 5^2$

Is x a factor of 210

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

is x a factor of 210?

a	b
Yes	No

2

$m = 2 \cdot 5 \cdot 7$

Is m a factor of 330

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

is m a factor of 330?

a	b
Yes	No

3

$b = 2 \cdot 5^2$

Is b a factor of 525

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

is b a factor of 525?

a	b
Yes	No

4

$z = 2^2 \cdot 7$

Is z a factor of 210

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

is z a factor of 210?

a	b
Yes	No

5

$r = 2 \cdot 3 \cdot 5$

Is r a factor of 210

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

is r a factor of 210?

a	b
Yes	No

6

$b = 3 \cdot 7^2$

Is b a factor of 294

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

is b a factor of 294?

a	b
Yes	No

7

$n = 2^2 \cdot 3$

Is n a factor of 210

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

is n a factor of 210?

a	b
Yes	No

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