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

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1

$$28 = m^2 \cdot r$$

Is 28 a factor of 210

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

is 28 a factor of 210?

a	**b**
Yes	No

2

$$105 = m \cdot p \cdot d$$

Is 105 a factor of 210

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

is 105 a factor of 210?

a	**b**
Yes	No

3

$$18 = x \cdot p^2$$

Is 18 a factor of 315

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

is 18 a factor of 315?

a	**b**
Yes	No

4

$$42 = c \cdot y \cdot n$$

Is 42 a factor of 210

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

is 42 a factor of 210?

a	**b**
Yes	No

5

$$42 = x \cdot r \cdot c$$

Is 42 a factor of 770

$$770 = 2 \cdot 5 \cdot 7 \cdot 11$$

is 42 a factor of 770?

a	**b**
Yes	No

6

$$98 = n \cdot p^2$$

Is 98 a factor of 210

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

is 98 a factor of 210?

a	**b**
Yes	No

7

$$98 = p \cdot d^2$$

Is 98 a factor of 735

$$735 = 3 \cdot 5 \cdot 7^2$$

is 98 a factor of 735?

a	**b**
Yes	No