Math worksheet on *'Prime Factorization - Is Number a Multiple - From Variable as Factors (Level 1)'*. Part of a broader unit on *'Factoring and Lowest Common Multiple - Practice'*

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1

$n = 3 \cdot 5^2$ Is n a multiple of 35

$35 = 5 \cdot 7$

is n a multiple of 35?

a	b
Yes	No

2

$n = 3^2 \cdot 5$ Is n a multiple of 10

$10 = 2 \cdot 5$

is n a multiple of 10?

a	b
Yes	No

3

$d = 5 \cdot 7^2$ Is d a multiple of 21

$21 = 3 \cdot 7$

is d a multiple of 21?

a	b
Yes	No

4

$r = 5^3$ Is r a multiple of 55

$55 = 5 \cdot 11$

is r a multiple of 55?

a	b
Yes	No

5

$d = 2 \cdot 3 \cdot 7$ Is d a multiple of 14

$14 = 2 \cdot 7$

is d a multiple of 14?

a	b
Yes	No

6

$x = 5^2 \cdot 7$ Is x a multiple of 10

$10 = 2 \cdot 5$

is x a multiple of 10?

a	b
Yes	No

7

$y = 2 \cdot 3 \cdot 5$ Is y a multiple of 10

$10 = 2 \cdot 5$

is y a multiple of 10?

a	b
Yes	No