

Write the prime factorisation of a number to 100

NAME	DATE	SCORE / 10
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- 1** Use exponents for repeated factors. Write 80 as a product of prime factors.

- 2** Dev says the prime factorization of 98 is 2×49 . Is Dev right?

☐ Yes, Dev is right ☐ No, it is 2×7^2 ☐ No, it is 2×7

- 3** Use exponents for repeated factors. Write 49 as a product of prime factors.

- 4** Leo says the prime factorization of 24 is 8×3 . Is Leo right?

☐ No, it is $2^3 \times 3$ ☐ No, it is $2^2 \times 3$ ☐ Yes, Leo is right

- 5** Use exponents for repeated factors. Write 99 as a product of prime factors.

- 6** Leo says the prime factorization of 92 is $2^2 \times 23$. Is Leo right?

☐ No, it is 2×23 ☐ Yes, Leo is right ☐ No, it is 4×23

- 7** Use exponents for repeated factors. Write 32 as a product of prime factors.

8

Dev says the prime factorization of 99 is $3^2 \times 11$. Is Dev right?

☐ No, it is 3×11 ☐ Yes, Dev is right ☐ No, it is 9×11

9

Use exponents for repeated factors. Write 90 as a product of prime factors.

10

Leo says the prime factorization of 12 is 4×3 . Is Leo right?

☐ Yes, Leo is right ☐ No, it is $2^2 \times 3$ ☐ No, it is 2×3

Write the prime factorisation of a number to 100

1 $2 \square \times 5$

3 7^2

5 $3^2 \times 11$

7 $2 \square$

9 $2 \times 3^2 \times 5$

2 No, it is 2×7^2

4 No, it is $2^3 \times 3$

6 Yes, Leo is right

8 Yes, Dev is right

10 No, it is $2^2 \times 3$