NEWFOUNDLAND AND LABRADOR MATHEMATICS 1201 · UNIT C · 25 QUESTIONS

Factors and Products — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Which term matches this description: a number or expression that divides another exactly?**



A factor

B multiple

C greatest common factor

D least common multiple

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2 **Which term matches this description: a number formed by multiplying by a whole number?**

A greatest common factor

B multiple

C least common multiple

D prime number

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3 **Which term matches this description: the largest factor shared by two numbers?**



A least common multiple

B prime number

C greatest common factor

D composite number

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4 **Which term matches this description: the smallest multiple shared by two numbers?**

A prime number

B composite number

C binomial

D least common multiple

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5 **Which term matches this description: a number with exactly two factors?**



A prime number

B composite number

C binomial

D trinomial

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6 **Which term matches this description: a number with more than two factors?**

A binomial

B composite number

C trinomial

D polynomial

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7 **Which term matches this description: an expression with two terms?**



A trinomial

B polynomial

C binomial

D expansion

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8 **Which term matches this description: an expression with three terms?**

- A polynomial
- B expansion
- C factoring
- D trinomial

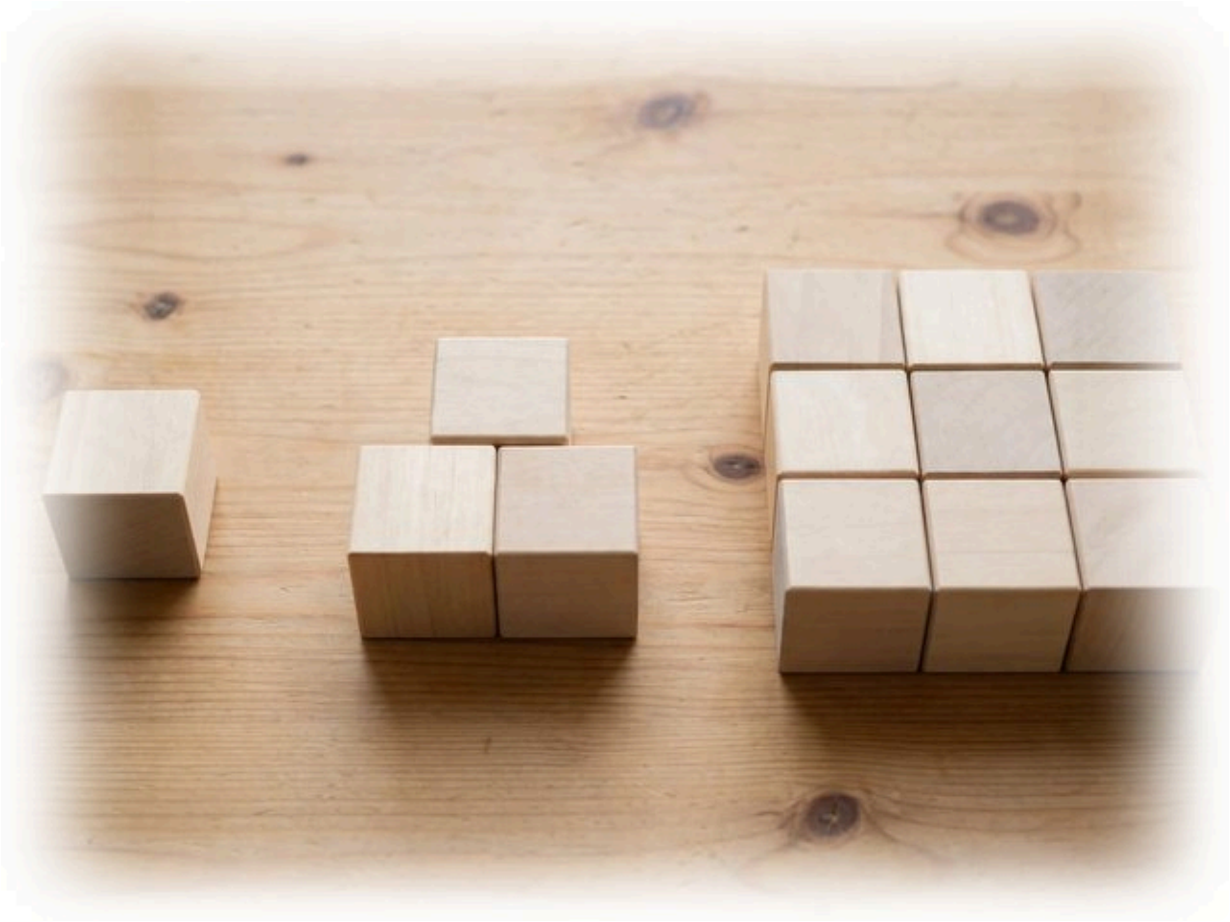
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9 **Which term matches this description: an expression with one or more terms?**

- A polynomial
- B expansion
- C factoring
- D common factor

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10 **Which term matches this description: writing a product as a sum of terms?**



A factoring

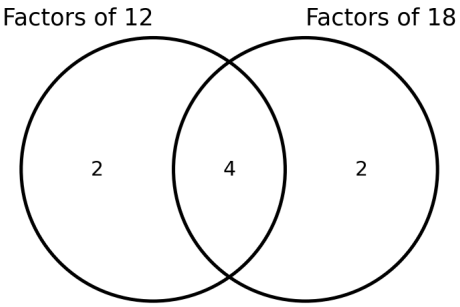
B expansion

C common factor

D factor

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11 **The diagram shows counts of factors. The number that are factors of both numbers is**



ANSWER

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12 **The greatest common factor of 24 and 36 is**



A 12

B 13

C 11

D 14

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13 **The least common multiple of 16 and 24 is**

A 49

B 48

C 47

D 50

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14 **6 multiplied by the sum of 10 and 5 is**

A 91

B 89

C 90

D 92

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15 The product of 2 and the sum of 6 and 4 is

- A 21
- B 19
- C 22
- D 20

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16 The number of factors of 36 is

ANSWER _____

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17 The smallest prime factor of 12 is

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **The greatest common factor of 21 and 28 is**

ANSWER _____

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19 **The least common multiple of 14 and 21 is**

ANSWER _____

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20 **6 multiplied by the sum of 4 and 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **The product of 5 and the sum of 12 and 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **The number of factors of 12 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **The smallest prime factor of 15 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **The greatest common factor of 18 and 27 is**

ANSWER _____

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25 **The least common multiple of 15 and 25 is**

ANSWER _____

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ANSWER KEY

1. A
2. B
3. C
4. D
5. A
6. B
7. C
8. D
9. A
10. B
11. 4
12. A
13. B
14. C
15. D
16. 9
17. 2
18. 7
19. 42
20. 54
21. 80
22. 6
23. 3
24. 9
25. 75

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