

$$4 = 4^{[?]}$$

$$5 \times 5 = 5^{[?]}$$

$$7 \times 7 \times 7 \times 7 = 7^{[?]}$$

$$(-2) \times (-2) \times (-2) = (-2)^{[?]}$$

$$3 \times 3 \times 3 \times 3 \times 3 = 3^{[?]}$$

$$(-1) \times (-1) = (-1)^{[?]}$$

$$4 \times 4 \times 4 \times 4 \times 4 \times 4 = 4^{[?]}$$

$$5 \times 5 \times 5 \times 5 = 5^{[?]}$$

A

A

A

A

A

A

A

A

$$\underbrace{3 \times 3 \times \dots \times 3}_{[?] \text{ facteurs}} = 3^7$$

$$\underbrace{6 \times 6 \times \dots \times 6}_{8 \text{ facteurs}} = 6^{[?]}$$

$$\underbrace{(-2) \times (-2) \times \dots \times (-2)}_{[?] \text{ facteurs}} = (-2)^9$$

$$\underbrace{5 \times 5 \times \dots \times 5}_{10 \text{ facteurs}} = 5^{[?]}$$

$$\underbrace{7 \times 7 \times \dots \times 7}_{[?] \text{ facteurs}} = 7^8$$

$$\underbrace{(-8) \times (-8) \times \dots \times (-8)}_{[?] \text{ facteurs}} = (-8)^4$$

$$\underbrace{2 \times 2 \times \dots \times 2}_{[?] \text{ facteurs}} = 2^6$$

$$1 = 3^{[?]}$$

A

A

A

A

A

A

A

A

$$4^{[?]} \times 4 \times 4 = 4^5$$

$$5^{[?]} \times 5 = 5^3$$

$$7 \times 7^{[?]} \times 7 \times 7 = 7^8$$

$$(-1) \times (-1)^{[?]} = (-1)^2$$

$$4 \times 4 \times 4^{[?]} = 4^2$$

$$5^{[?]} \times 5 = 5^{11}$$

$$(-2)^{[?]} \times (-2) \times (-2) = (-2)^{11}$$

$$4 \times 4^{[?]} \times 4^2 = 4^7$$

B

B

B

B

B

B

B

B

$$7 \times 7 \times 7 \times 7^4 = 7^{[?]}$$

$$(-1) \times (-1)^5 = (-1)^{[?]}$$

$$(-2)^6 \times (-2) \times (-2) = (-2)^{[?]}$$

$$3 \times 3 \times 3 \times 3^0 \times 3 = 3^{[?]}$$

$$4 \times 4^0 \times 4 = 4^{[?]}$$

$$7^3 \times 7 \times 7 \times 7^4 = 7^{[?]}$$

$$(-2)^2 \times (-2)^3 \times (-2) = (-2)^{[?]}$$

$$5^4 \times 5^3 \times 5 = 5^{[?]}$$

B

B

B

B

B

B

B

B

$$3 \times 3^{[?]} \times 5 \times 5 \times 5 \times 5 = 3^{[?]} \times 5^4$$

$$2 \times 2 \times 7^{[?]} \times 7^2 \times 7 = 2^2 \times 7^{[?]}$$

$$4^{[?]} \times 4^2 \times 9 = 4^{[?]} \times 9^1$$

$$3 \times 5^0 \times 3 \times 5^{[?]} = 3^2 \times 5^{[?]}$$

$$7 \times 7^{[?]} \times 7^3 = 2^0 \times 7^{[?]}$$

$$4 \times 4^2 \times 4^2 \times 4^{[?]} \times 9 \times 9 \times 9 = 4^{[?]} \times 9^3$$

$$5 \times 5^{[?]} \times 5 = 5^{[?]}$$

$$3^4 \times 3^{[?]} = 3^{[?]}$$

C

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C

$$(-2)^{[?]} \times (-2)^3 = (-2)^{[?]}$$

$$9^{[?]} \times 9^0 \times 9 = 9^{[?]}$$

$$3 \times 3 \times 3^{[?]} \times 3 \times 3^{[?]} = 3^8$$

$$7 \times 7 \times 7^{[?]} \times 7^2 = 7^{[?]}$$

$$9^{[?]} \times 9^2 \times 9 \times 9^{[?]} = 9^{10}$$

$$(-2)^{[?]} \times (-2)^0 \times (-2)^{[?]} \times (-2)^3 = (-2)^{12}$$

$$4^{[?]} \times 4^{[?]} \times 4^1 \times 4^2 \times 4^3 = 4^{12}$$

$$(-1)^{[?]} \times (-1)^{[?]} \times (-1) = (-1)^9$$

C

C

C

C

C

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C

C

$$5^0 \times 5^{[?]} = 5^{[?]}$$

$$2^{[?]} \times 2^3 = 2^{[?]}$$

$$7^3 \times 7^{[?]} = 7^{[?]}$$

$$4^6 \times 4^{[?]} = 4^{[?]}$$

$$9^{[?]} \times 9^5 = 9^{[?]}$$

$$10^{[?]} \times 10^4 = 10^{[?]}$$

$$6^2 \times 6^{[?]} = 6^{[?]}$$

$$6^{[?]} \times 6^1 = 6^{[?]}$$

D

D

D

D

D

D

D

D

$$7^{[?]} \times 7^{[?]} = 7^3$$

$$(-3)^{[?]} \times (-3)^{[?]} = (-3)^4$$

$$3^{[?]} \times 3^{[?]} = 3^5$$

$$4^{[?]} \times 4^{[?]} = 4^6$$

$$2^{[?]} \times 2^{[?]} = 2^7$$

$$(-2)^{[?]} \times (-2)^{[?]} = (-2)^8$$

$$(-7)^{[?]} \times (-7)^{[?]} = (-7)^9$$

$$5^{[?]} \times 5^{[?]} = 5^{10}$$

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Énigme :

$$5 + 5 + 5 + 5 + 5 = 5^{[?]}$$

Énigme