

POTENZIEREN / WURZELZIEHEN

Potenziieren positiver und negativer Zahlen 2023-05-03

This is an interactive math game titled "Potenziieren positiver und negativer Zahlen". It features a grid of cards where each card contains a power operation involving integers or fractions. The cards are arranged in a tree-like structure. A large orange hand icon is pointing to one of the cards in the center. The cards include operations like 2^3 , $(-1)^2$, 125 , 9 , 27 , 1 , 36 , 16 , 5^3 , $(-2)^3$, 100 , 8 , 3^3 , -8 , $(-3)^3$, $(-4)^2$, 1 , 2 , 125 , 9 , -27 , and -1 . A question on the left asks, "Wird das Ergebnis negativ oder positiv?" (Will the result be negative or positive?).



<https://learningapps.org/watch?v=pufijg6yj23>

Dezimalzahlen quadrieren 2023-05-03

This is an interactive math game titled "Dezimalzahlen quadrieren". It consists of a grid of 16 cards, each containing a multiplication problem where both factors are decimal numbers between 0 and 1. Each card has a text input field for the answer and a help button (info icon). A blue checkmark icon is located in the bottom right corner of the grid.

$0,15 \cdot 0,15 =$ <input type="text"/>	$0,014 \cdot 0,014 =$ <input type="text"/>	$0,14 \cdot 0,14 =$ <input type="text"/>	$0,025 \cdot 0,025 =$ <input type="text"/>
$2,5 \cdot 2,5 =$ <input type="text"/>	$0,05 \cdot 0,05 =$ <input type="text"/>	$0,5 \cdot 0,5 =$ <input type="text"/>	$0,04 \cdot 0,04 =$ <input type="text"/>
$0,03 \cdot 0,03 =$ <input type="text"/>	$0,2 \cdot 0,2 =$ <input type="text"/>	$0,02 \cdot 0,02 =$ <input type="text"/>	$0,3 \cdot 0,3 =$ <input type="text"/>
$0,4 \cdot 0,4 =$ <input type="text"/>	$1,2 \cdot 1,2 =$ <input type="text"/>	$0,12 \cdot 0,12 =$ <input type="text"/>	$0,25 \cdot 0,25 =$ <input type="text"/>
$1,3 \cdot 1,3 =$ <input type="text"/>	$0,13 \cdot 0,13 =$ <input type="text"/>	$1,4 \cdot 1,4 =$ <input type="text"/>	$1,5 \cdot 1,5 =$ <input type="text"/>



<https://learningapps.org/watch?v=pufijg6yj23>

Teilweises Wurzelziehen

2023-06-03

Screenshot of a digital game for partial square root extraction. The game interface shows a grid of 20 boxes, each containing a mathematical expression involving square roots. The expressions include $\sqrt{45}$, $ab\sqrt{5}$, $\sqrt{2.x^2}$, $\sqrt{300}$, $4\sqrt{3}$, $\sqrt{75}$, $\sqrt{90}$, $6x\sqrt{y}$, $3\sqrt{10}$, $\sqrt{100.x.y}$, $3\sqrt{5}$, $\sqrt{48}$, $7\sqrt{2}$, $\sqrt{36.x^2.y}$, $8\sqrt{2}$, $5\sqrt{3}$, $5\sqrt{2}$, $\sqrt{50}$, $\sqrt{5a^2b^2}$, $10\sqrt{3}$, $10\sqrt{x.y}$, $\sqrt{98}$, $\sqrt{63}$, $\sqrt{128}$, $x\sqrt{2}$, $\sqrt{25a^3b}$, $5a$, $6\sqrt{2}$, and $\sqrt{72}$. A large orange hand icon points to the box containing $\sqrt{98}$. In the bottom right corner, there is a blue circular button with a white checkmark icon.



<https://learningapps.org/watch?v=p3dck4c9n23>

Teilweise Wurzelziehen - hin und zurück

2018-09-15

Screenshot of a digital game for partial square root extraction with a truth/false filter. The game interface has a green left side labeled "WAHR" and an orange right side labeled "FALSCH". In the center, there is a white box with the word "Aufgabe" and the instruction "Überprüfe jede Aussage!". Below this is a blue "OK" button. An orange hand icon is pointing towards the center. In the bottom right corner, there is a blue circular button with a white checkmark icon.



<https://learningapps.org/5527354>

The screenshot displays a digital learning interface with two main sections. The left section, set against a light green background, contains three formulas: $\left(\frac{a}{b}\right)^2 = \frac{a^2}{b^2} = \frac{\sqrt{a}}{\sqrt{b}}$, $(a)^{-2} = \frac{1}{a^2}$, and $\sqrt{a \cdot b} = \sqrt{a} \cdot \sqrt{b}$. The right section, set against a light orange background, contains four formulas: $a^0 = 0$, $(a)^{-2} = -a^2$, $\sqrt{\left(\frac{a}{b}\right)^2} = \frac{a^2}{b}$, and $\sqrt{a} + \sqrt{b} = \sqrt{a+b}$. Each formula is enclosed in a rounded rectangle with a green border and a small red dot at the top right corner.



<https://learningapps.org/watch?v=ptav4ejf523>

PYTHAGORÄISCHER LEHRSATZ

Satz des Pythagoras - Anwendungen 2023-05-03

1 / 10

$g^2 - h^2 = i^2$

$g^2 = h^2 - i^2$

$g^2 = i^2 - h^2$

$g^2 - i^2 = h^2$



<https://learningapps.org/watch?v=ps2h1w4jk23>

Der pythagoräische Lehrsatz 2 2017-10-18 (2017-08-08)

Welches Dreieck ist rechtwinklig?
Überprüfe mit Hilfe des
pythagoräischen Lehrsatzes im Kopf!

a = 2 cm b = 3 cm c = 4 cm

a = 1 cm b = 2 cm c = 3 cm

a = 3 cm b = 4 cm c = 6 cm

a = 3 cm b = 4 cm c = 5 cm

0/15

Spiel beenden

Player Computer

Spiel zwischen Player1 und Computer beginnt.

Log anzeigen



<https://learningapps.org/3761675>