FRACȚII ZECIMALE PUTERI
EXERCIȚII

1.Calculați:

a) $0,1^2 =$
b) $0,4^2 =$
c) $0,7^2 =$
d) $1,2^3 =$
e) $3,4^2 =$
f) $7,6^2 =$
g) $9,1^2 =$
h) $10,2^2 =$
i) $0,7^3 =$
j) $15,6^2 =$
k) $0,8^3 =$
l) $1,3^3 =$

2.Scrieți ca o singură putere:

a) $0,4^2 \cdot 0,4^6 = 0,4$ b) $0,9^5 \cdot 0,9^6 = 0,9$ c) $1,3^4 \cdot 1,3^7 = 1,3$
d) $12,1^5 \cdot 12,1^{10} = 12,1$ e) $7,21^{10} \cdot 7,21^{14} = 7,21$ f) $6,8^9 \cdot 6,8^7 = 6,8$
g) $1,5^{10} : 1,5^2 = 1,5$ h) $2,8^9 : 2,8^2 = 2,8$ i) $2,13^8 : 2,13 = 2,13$
j) $3,5^{20} : 3,5^4 = 3,5$ k) $4,7^{20} : 4,7^{11} = 4,7$ l) $9,6^{17} : 9,6^4 = 9,6$

4.Scrieți ca o singură putere:

a) $(2,4^3)^7 = 2,4$ b) $(4,8^2)^{10} = 4,8$ c) $(6,24^5)^8 = 6,24$ d) $(9,6^6)^8 = 9,6$
e) $[(3,3^2)^3]^4 = 3,3$ f) $[(1,5^2)^4]^0 =$ g) $[(0,7^0)^7]^9 =$ h) $[(7,3^2)^0]^{10} =$

5.Comparați

a) $0,8^{8}$ $0,8^{10}$ b) $1,2^{7}$ $1,2^{8}$ c) $0,1^{12}$ $0,1^{14}$
d) $3,7^{5}$ $3,7^{6}$ e) $0,15^{10}$ $0,15^{9}$ f) $8,85^7$ $88,5^7$

6. a) $2,2^2 + 1,6^3 - 1,92^2 =$ b) $12,6^2 \cdot 1,2^2 - 11,7^2 =$

7. a) $2,8^5 \cdot 2,8^6 : (2,8^3)^3 = 2,8$ b) $4,32^8 \cdot 4,32^5 : (4,32^2)^6 = 4,32$

8. $(4,32 : 1,2^2 - 1,6^2) : 0,2^2 - 3,2^2 =$

9. Rezolvați ecuația $10^2 \cdot [(3,1^2 - x) \cdot 0,5^2 + 1,9^2] = 571$

LIVEWORKSHEETS

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