

POWERS AND ROOTS OF INTEGERS



1. Calculate the value of these powers:

a) $(-2)^3 =$

b) $(+2)^3 =$

c) $(-9)^2 =$

d) $(+9)^2 =$

e) $(-4)^3 =$

f) $(+4)^3 =$

g) $(-1)^5 =$

h) $(+1)^5 =$

i) $(-5)^4 =$

j) $(+5)^4 =$

2. Work out and give the result has an only power:

a) $(-5)^3 \cdot (-5)^4 = (\quad)$

b) $(+7)^5 : (+7)^3 = (\quad)$

c) $(-12)^6 \cdot (-12)^2 \cdot (-12) = (\quad)$

d) $[(-4)^3]^2 = (\quad)$

e) $[(+6)^3 \cdot (+6)^4] : (+6)^6 = (\quad)$

f) $[(+3)^2]^5 : [(+3)^2 \cdot (+3)^5] = (\quad)$

3. Calculate, if it possible, the value of the following square roots. If it isn't possible write "NO":

a) $\sqrt{+36} =$

b) $\sqrt{-25} =$

c) $\sqrt{+121} =$

d) $\sqrt{-169} =$