Exponents & Powers · Grade 9

Name _____ Date _____ Score _____ / 12

01 $3^2 \circ 6^3$ ____

02 $3^0 =$ ____

03 $5^3 =$ ____

04 $2^{?} = 8$ ____

05 As a power: 4×4 ____

06 $6^{?} = 1296$ ____

07 $?^3 = 216$ ____

08 $3^3 =$ ____

09 $6^3 =$ ____

10 $3^2 =$ ____

11 A store has 7 crates. Each crate holds 7 boxes, and each box holds 7 cans. How many cans are there?

Answer: _____

12 In a phone tree, each person calls 3 new people. Round 1 is 3 calls. How many calls are made in round 3?

Answer: _____

Exponents & Powers · Grade 9 (Answer Key)

01 $3^2 \circ 6^3$ **<**

02 $3^0 =$ **1**

03 $5^3 =$ **125**

04 $2^{?} = 8$ **3**

05 As a power: 4×4 4^2

06 $6^{?} = 1296$ **4**

07 $?^3 = 216$ **6**

08 $3^3 =$ **27**

09 $6^3 =$ **216**

10 $3^2 =$ **9**

11 A store has 7 crates. Each crate holds 7 boxes, and each box holds 7 cans. How many cans are there?

343 cans

12 In a phone tree, each person calls 3 new people. Round 1 is 3 calls. How many calls are made in round 3?

27 calls