

End of Lesson 15

Assignment 15 - Quiz

Math 9S (N1) Unit 2 Powers & Exponent Laws Mid-unit Quiz 2018

Name: _____

Value /17

1. Complete this table. (5)

Power	Base	Exponent	Repeated Multiplication	Standard Form
3^2	3	2	3×3	9
2^4				
	10	3		
			$4 \times 4 \times 4 \times 4 \times 4$	1024

2. Evaluate. (4)

Example: $6^3 = 216$

a) $5^4 =$ _____ b) $9^0 =$ _____ c) $19^2 =$ _____ d) $12^5 =$ _____

3. Evaluate using BEDMAS. Please show all your work for full value. (8)

Example: $5^2 + 3$

$$5 \times 5 + 3$$

$$25 + 3 = 28$$

Example: $(5-3)^2$

$$(2)^2$$

$$2 \times 2 = 4$$

a) $5^2 - 3^2$

b) $4^2 \div 2$

c) 4×2^3

d) $(4 \times 2)^3$