

grade 7	Number Theory Worksheet Check your knowledge!	name: date:
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Task: Answer the following questions! You have got *20 minutes*.

Task	Calculation steps	Final answer	✓	✗
a) What is 15 squared?				
b) What is six cubed?				
c) What is seven squared?				
d) What is four cubed?				
e) What number cubed equals 64?				
f) What is six raised to the fourth power?				
g) If $3^x = 81$, then what is the value of x?				
h) If $5^y = 625$, then what is the value of y?				
i) What number raised to the fifth power equals 243?				
j) What is three raised to the sixth power?				
k) What number raised to the fifth power equals 3,125?				

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l) Is 2^5 the same as 2×5 ? Explain your answer using full sentences! (3 points)

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