

Name : \_\_\_\_\_

# Exponents

A) Express each numeral as a product of power of primes.

1) 288

2) 7,260

3) 875

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4) 3,969

5) 605

6) 8,208

7) 6,517

2,000

\_\_\_\_\_

\_\_\_\_\_

10) 722

1,352

\_\_\_\_\_

\_\_\_\_\_

B) 1) Which of the follow

i)  $2^3 \cdot 3^3 \cdot 5^2$

iv)  $2^3 \cdot 3^2 \cdot 5^2$

2) Which of the following expressions equals 432?

i)  $2^3 \cdot 3^2$

ii)  $2^2 \cdot 3^2$

iii)  $2^4 \cdot 3^3$

iv)  $2 \cdot 3^3$

3) Which of the following expressions equals 9,025?

i)  $5^3 \cdot 19$

ii)  $5^2 \cdot 19^2$

iii)  $5 \cdot 19^2$

iv)  $5^2 \cdot 19^3$

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