

Name : _____

Exponents

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

1) 1,859

2) 360

3) 9,826

4) 576

5) 425

6) 3,211

7) 242

5,202

10) 6,137

2,304

B) 1) Which of the follow

i) $2^2 \cdot 13$

iv) $2 \cdot 13$

2) Which of the following expressions equals 768?

i) $2^8 \cdot 3$

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

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

iv) $2^6 \cdot 3^2$

3) Which of the following expressions equals 560?

i) $2^4 \cdot 5^2 \cdot 7$

ii) $2 \cdot 5^5$

iii) $2^3 \cdot 5 \cdot 7$

iv) $2^4 \cdot 5 \cdot 7$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

Exponents

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

1) 1,859

$$\underline{11 \cdot 13^2}$$

2) 360

$$\underline{2^3 \cdot 3^2 \cdot 5}$$

3) 9,826

$$\underline{2 \cdot 17^3}$$

4) 576

$$\underline{2^6 \cdot 3^2}$$

5) 425

$$\underline{13^2 \cdot 19}$$

6) 3,211

7) 242

$$\underline{2 \cdot 11^2}$$

8) 5,202

$$\underline{2 \cdot 3^2 \cdot 17^2}$$

10) 6,137

$$\underline{17 \cdot 19^2}$$

9) 2,304

$$\underline{2^8 \cdot 3^2}$$

B) 1) Which of the follow

i) $2^2 \cdot 13$

iv) $2 \cdot 13$

2) Which of the following expressions equals 768?

i) $2^8 \cdot 3$

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

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

iv) $2^6 \cdot 3^2$

3) Which of the following expressions equals 560?

i) $2^4 \cdot 5^2 \cdot 7$

ii) $2 \cdot 5^5$

iii) $2^3 \cdot 5 \cdot 7$

iv) $2^4 \cdot 5 \cdot 7$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com