

Number - Prime Factors

Write 56 as a product of its prime factors.

(2)

Write 200 as a product of its prime factors, using powers.

(3)

Number - Prime Factors

Small Prime Numbers: 2, 3, 5, 7, 11, 13

Write 56 as a product of its prime factors.

$$\begin{array}{r} 2 \overline{)56} \\ 2 \overline{)28} \\ 2 \overline{)14} \\ 7 \overline{)7} \\ 1 \end{array} \quad (2)$$

$$\underline{56 = 2 \times 2 \times 2 \times 7}$$

Write 200 as a product of its prime factors, using powers.

$$\begin{array}{r} 2 \overline{)200} \\ 2 \overline{)100} \\ 2 \overline{)50} \\ 5 \overline{)25} \\ 5 \overline{)5} \\ 1 \end{array} \quad (3)$$

$$200 = 2 \times 2 \times 2 \times 5 \times 5$$

$$200 = 2^3 \times 5^2$$