

# PRIME TIME TV



## STEPS

- 1 Split the number into two of its factors.
- 2 Prime factorize each of the factors.
- 3 Multiply all of the prime factors together.

**EXAMPLE**

$$\begin{aligned} 72 &= 8 \times 9 \\ &= (2 \times 2 \times 2) \times (3 \times 3) \\ &= 2 \times 2 \times 2 \times 3 \times 3 \end{aligned}$$

Using Goldentail's new method, prime factorize the following numbers:

64 =

99 =

144 =

150 =

175 =

220 =