

$$\begin{array}{r|l} 345 & 3 \\ 115 & 5 \\ 23 & 23 \\ 1 & \end{array}$$

$$\begin{array}{r|l} 216 & 2 \\ 108 & 2 \\ 54 & 2 \\ 27 & 3 \\ 9 & 3 \\ 3 & 3 \\ 1 & \end{array}$$

$$216 = 2^3 * 3^3$$

$$\begin{array}{r|l} 654 & 2 \\ 327 & 3 \\ 109 & 109 \\ 1 & \end{array}$$

$$654 = 2 * 3 * 109$$

$$\begin{array}{r|l} 625 & 5 \\ 125 & 5 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$$625 = 5^4$$

$$\begin{array}{r|l} 440 & 2 \\ 220 & 2 \\ 110 & 2 \\ 55 & 5 \\ 11 & 11 \\ 1 & \end{array}$$

$$440 = 2^3 * 5 * 11$$

$$\begin{array}{r|l} 224 & 2 \\ 112 & 2 \\ 56 & 2 \\ 28 & 2 \\ 14 & 2 \\ 7 & 7 \\ 1 & \end{array}$$

$$224 = 2^5 * 7$$

$$\begin{array}{r|l} 225 & 3 \\ 75 & 3 \\ 25 & 5 \\ 5 & 5 \\ 1 & \end{array}$$

$$225 = 3^2 * 5^2$$

$$\begin{array}{r|l} 369 & 3 \\ 123 & 3 \\ 41 & 41 \\ 1 & \end{array}$$

$$369 = 3^2 * 41$$

$$\begin{array}{r|l} 189 & 3 \\ 63 & 3 \\ 21 & 3 \\ 7 & 7 \\ 1 & \end{array}$$

$$189 = 3^3 * 7$$

$$\begin{array}{r|l} 544 & 2 \\ 272 & 2 \\ 136 & 2 \\ 68 & 2 \\ 34 & 2 \\ 17 & 17 \\ 1 & \end{array}$$

$$544 = 2^5 * 17$$

$$\begin{array}{r|l} 666 & 2 \\ 333 & 3 \\ 111 & 3 \\ 37 & 37 \\ 1 & \end{array}$$

$$666 = 2 * 3^2 * 37$$

$$\begin{array}{r|l} 441 & 3 \\ 147 & 3 \\ 49 & 7 \\ 7 & 7 \\ 1 & \end{array}$$

$$441 = 3^2 * 7^2$$

$$\begin{array}{r|l} 552 & 2 \\ 276 & 2 \\ 138 & 2 \\ 69 & 3 \\ 23 & 23 \\ 1 & \end{array}$$

$$552 = 2^3 * 3 * 23$$