

Converting Ratios (A)

$5 : 4 = 20 : n$. Find n .

$$\begin{array}{ccc} & 5 : 4 & \\ \times 4 \swarrow & & \searrow \times 4 \\ & 20 : n & \end{array}$$

$$\begin{aligned} n &= 4 \times 4 \\ &= 16 \end{aligned}$$

$40 : 16 = 10 : n$. Find n .

$$\begin{array}{ccc} & 40 : 16 & \\ \div 4 \swarrow & & \searrow \div 4 \\ & 10 : n & \end{array}$$

$$\begin{aligned} n &= 16 \div 4 \\ &= 4 \end{aligned}$$