

$$\begin{array}{r}
 x \\
 x \\
 x \\
 x = 5
 \end{array}$$

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$$\begin{aligned}
 a &= 3(a-1) + 8 \\
 b &= 5b-4
 \end{aligned}$$

$$\begin{aligned}
 x &= 5 \\
 5x-4 &= 3(4) + 8 \\
 5x-4 &= 3(20-4) + 8 \\
 5x-4 &= 3(16) + 8 \\
 5x-4 &= 48+8 \\
 5x &= 60 \\
 x &= 12
 \end{aligned}$$

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$$\sqrt[9]{p} \times \sqrt[9]{q} = 2q - 3p$$

$$\begin{aligned}
 \sqrt[24]{256} \times \sqrt[12]{729} &= & p=2 \\
 \sqrt[3 \cdot 2^3]{2^{2^4}} \times \sqrt[2 \cdot 2^2]{3^{3^3}} & & q=3 \\
 \sqrt[3]{2} \times \sqrt[2]{3} & & \\
 2(3) - 3(2) & & \\
 6 - 6 & & \\
 0 & &
 \end{aligned}$$

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$$\frac{49-1}{2} + \frac{100+9}{2} + \frac{9-1}{2} - \frac{64+2}{2}$$
$$24 + 54 + 4 - 33$$
$$79 - 33$$
$$46$$