

$$12345 \div 17 = 726.1764705882352941$$

$$\begin{aligned} 17 &= 1x \\ 34 &= 2x \\ 68 &= 4x \\ 136 &= 8x \end{aligned}$$

$$\begin{array}{r} 17 \overline{) 12345} \\ \underline{6800} \\ 5545 \\ \underline{3400} \\ 2145 \\ \underline{1700} \\ 445 \\ \underline{340} \\ 105 \\ \underline{68} \\ 37 \\ \underline{34} \\ 3 \end{array} = 726$$

$$\Rightarrow 726.1764705882352941$$



$$\begin{array}{r} \sqrt{30} \\ 17 = 1x \\ \underline{13} \end{array}$$

$$\begin{array}{r} \sqrt{120} \\ 68 = 4 \\ \underline{52} \\ 34 = 2 = 7 \\ \underline{18} \\ 17 = 1 \end{array}$$

$$\begin{array}{r} \sqrt{140} \\ 136 = 8 \\ \underline{4} \end{array}$$

$$\begin{array}{r} \sqrt{50} \\ 34 = 2 \\ \underline{16} \end{array}$$

$$\begin{array}{r} \sqrt{130} \\ 68 = 4 \\ \underline{62} \\ 34 = 2 = 7 \\ \underline{28} \\ 17 = 1 \end{array}$$

$$\begin{array}{r} \sqrt{10} \\ 0 = 0 \\ \underline{10} \end{array}$$

$$\begin{array}{r} \sqrt{40} \\ 34 = 2 \\ \underline{6} \end{array}$$

$$\begin{array}{r} \sqrt{160} \\ 136 = 8 = 9 \\ \underline{24} \\ 17 = 1 \end{array}$$

$$\begin{array}{r} \sqrt{110} \\ 68 = 4 \\ \underline{42} \\ 34 = 2 = 6 \\ \underline{8} \end{array}$$

$$\begin{array}{r} \sqrt{100} \\ 68 = 4 \\ \underline{32} \\ 17 = 1 = 5 \\ \underline{15} \end{array}$$

$$\begin{array}{r} \sqrt{60} \\ 34 = 2 = 3 \\ \underline{26} \\ 17 = 1 \end{array}$$

$$\begin{array}{r} \sqrt{70} \\ 68 = 4 \\ \underline{2} \end{array}$$

$$\begin{array}{r} \sqrt{80} \\ 68 = 4 \\ \underline{12} \end{array}$$

$$\begin{array}{r} \sqrt{150} \\ 136 = 8 \\ \underline{14} \end{array}$$

$$\begin{array}{r} \sqrt{90} \\ 68 = 4 = 5 \\ \underline{22} \\ 17 = 1 \end{array}$$

$$\begin{array}{r} \sqrt{20} \\ 17 = 1 \\ \underline{3} \end{array}$$

repeat