

$$\sqrt[16]{18} \quad \sqrt[25]{18}$$

4.24

$$\begin{array}{r} 4.2 \\ \times 4.2 \\ \hline 184 \\ 1680 \\ \hline 1764 \end{array}$$

0.36 ← 18 → 0.49

$$\begin{array}{r} 4.3 \\ \times 4.3 \\ \hline 129 \\ 1720 \\ \hline 1849 \end{array}$$

$$\begin{array}{r} 4.22 \\ \times 4.22 \\ \hline 2844 \\ 8440 \\ 18400 \\ \hline 178084 \end{array}$$

$$\begin{array}{r} 4.23 \\ \times 4.23 \\ \hline 1269 \\ 8460 \\ 18460 \\ \hline 178929 \end{array}$$

$$\begin{array}{r} 4.24 \\ \times 4.24 \\ \hline 1696 \\ 8480 \\ 169600 \\ \hline 179776 \end{array}$$

$$\begin{array}{r} 4.25 \\ \times 4.25 \\ \hline 2125 \\ 8500 \\ 170000 \\ \hline 180625 \end{array}$$

$$\begin{array}{r} 4.245 \\ \times 4.245 \\ \hline 21225 \\ 169800 \\ 2847000 \\ \hline 18020025 \end{array}$$

$\sqrt[4]{64}$ $\sqrt[4]{81}$
 $\sqrt{67} \approx 8.19$

$$\begin{array}{r} 8.2 \\ \times 8.2 \\ \hline 164 \\ 6560 \\ \hline 67.24 \end{array}$$

$$\begin{array}{r} 8.1 \\ \times 8.1 \\ \hline 181 \\ 6480 \\ \hline 65.61 \end{array}$$

$$\begin{array}{r} 8.19 \\ \times 8.19 \\ \hline 7371 \\ 28190 \\ 65520 \\ \hline 67.0761 \end{array}$$

$$\begin{array}{r} 8.18 \\ \times 8.18 \\ \hline 6544 \\ 28180 \\ 65440 \\ \hline 66.9124 \end{array}$$

$$\begin{array}{r} 8.185 \\ \times 8.185 \\ \hline 140925 \\ 654800 \\ 818500 \\ \hline 66.994225 \end{array}$$

0.24 ← 67
 1.39 ← 67

2.39 1

≈ 2.39

Evaluate. Round to the nearest hundredth.

1) $\sqrt{35}$

2) $\sqrt{5}$

3) $\sqrt{80}$

4) $\sqrt{29}$

1) $\sqrt{35}$ $\sqrt{25}$ $\sqrt{36} \approx 5.92$

$$\begin{array}{r} 84 \\ 5.9 \\ \times 5.9 \\ \hline 531 \\ 2950 \\ \hline 34.81 \end{array}$$

$0.19 \nearrow 35 \searrow$

$$\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 48 \\ 5.91 \\ \times 5.91 \\ \hline 1591 \\ 53190 \\ \hline 34.9281 \end{array}$$

$$\begin{array}{r} 5.92 \\ \times 5.92 \\ \hline 35.0464 \end{array}$$

$$\begin{array}{r} 5.915 \\ \times 5.915 \\ \hline 34.987225 \end{array}$$

$$2) \sqrt{5}$$

$$3) \sqrt{80}$$

$$4) \sqrt{29}$$

