$\qquad$
1.4 Estimating Square Roots - Notes

Place each square root on the number line to show its approximate value:

$$
\sqrt{2}, \sqrt{5}, \sqrt{11}, \sqrt{18}, \sqrt{24}
$$



Write each estimated square root as a decimal.

1.01 .11 .2131 .41 .5

$\sqrt{16}=4^{\sqrt{24}} \quad \sqrt{25}=5$


Example (1): Estimate $\sqrt{96}$

$$
\sqrt{\sqrt{81}=9} \quad \sqrt{100}=10
$$

$\sqrt{81}$


Net-wire fencing is needed to keep out coyotes. About how
$\times 4$ Perimeter $=4$ much fencing would be needed around the garden?

$$
=4 \times 8.8
$$

$=35.2 m_{\text {H.w. (p. } 25-27)} \# 4,5,7,8,9,10,11,14$

