Name: \_\_\_\_\_

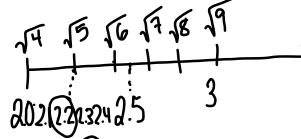
## 1.4 Estimating Square Roots - Notes

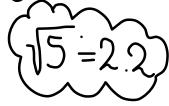
Place each square root on the number line to show its approximate value:

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



Write each estimated square root as a decimal.

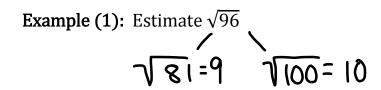


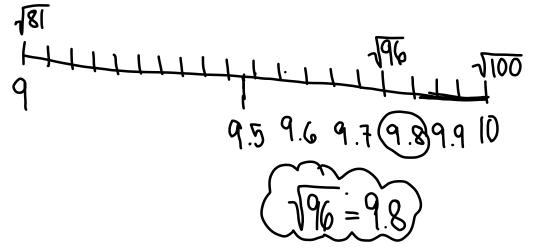


O Is it a perf. sq.? NO!

@What perf. sq's is it between? 16 and 25

3 mark the half way point





Example (2): A square garden has area 78 m<sup>2</sup>.

What are the approximate dimensions of the garden?

Side length Side Length = VArea

So, the side length is approx. 8.8m

Net-wire fencing is needed to keep out coyotes. About how

He needs