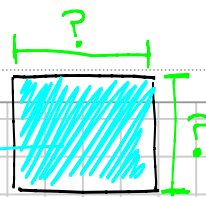


A2 Review

Note Title

30/09/2013



1. A square has an area of 52cm^2 .

a) Use perfect squares to estimate the side length.

$$\begin{array}{r} \sqrt{49} \\ \sqrt{7 \times 7} \\ 7 \end{array} \quad \begin{array}{r} \sqrt{64} \\ \sqrt{8 \times 8} \\ 8 \end{array}$$

7.1 → 7.9

$$\sqrt{52} = 7.2$$

b) check your answer with a calculator to 3 decimals.

$$\sqrt{52} = 7.211102 = 7.211$$

2. Identify a whole number with a square root between 3 & 4.

(side lengths)

$$\begin{array}{r} 3 \\ \sqrt{3 \times 3} \\ \sqrt{9} \end{array}$$

$$\begin{array}{r} 4 \\ \sqrt{4 \times 4} \\ \sqrt{16} \end{array}$$

any # between $\sqrt{10}$ - $\sqrt{15}$

Today's Assignment ① A2 Worksheet (3.3 extra practice)

② Assg #2 pg 99 #1, 2, 4-12

Worksheet # 2)

Number

Perf... "and factors"

"and factors"

Closest

33

$$25 = 5 \times 5$$

$$36 = 6 \times 6$$

36 5.1 → 5.9

11

#3) a $\sqrt{33}$

5.8

6 decimals in check!

b $\sqrt{11}$

#4) 6 decimals in check