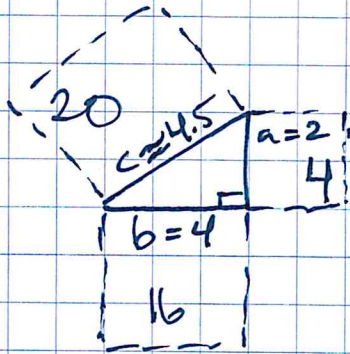


9.2.3 # 80-83, 88-93

9-80



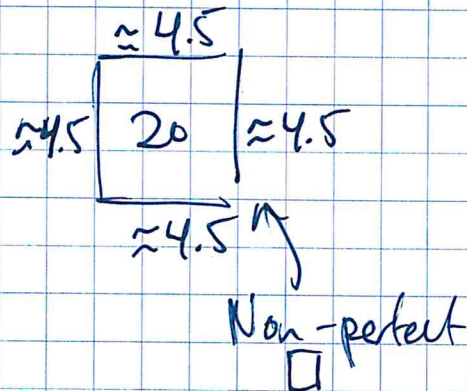
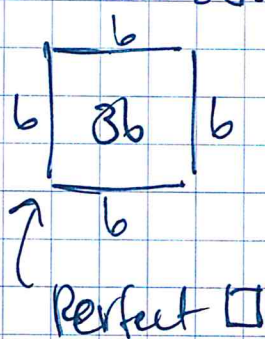
$$\begin{aligned} a.) \quad a^2 + b^2 &= c^2 \\ A_{sq} + 16 &= 20 \\ \underline{-16} \quad \underline{-16} \\ A_{sq} &= 4 \end{aligned}$$

b.)  $a=2$   $b=4$

$$\begin{aligned} c.) \quad \sqrt{20} &= c \\ \underline{4.5} &\approx c \end{aligned}$$

9-81 a.)  $\sqrt{36}$   $\sqrt{64}$   $\sqrt{4}$   $\sqrt{16}$   $\sqrt{100}$   $\sqrt{144}$   $\sqrt{121}$   $\sqrt{225}$   
 $b$   $8$   $2$   $4$   $10$   $12$   $11$   $15$

b.) They are called perfect squares because their sides are whole numbers.



9-82