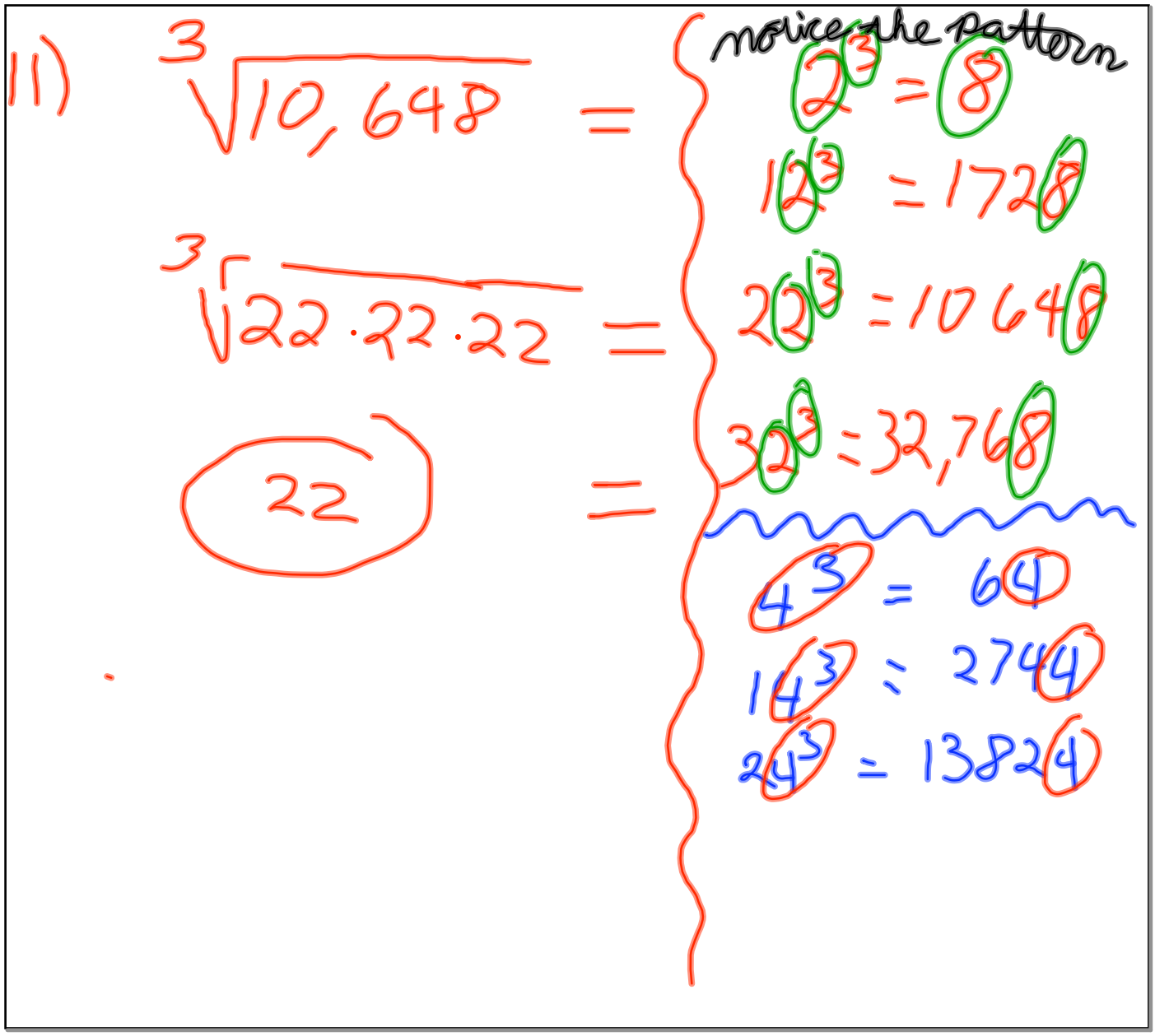
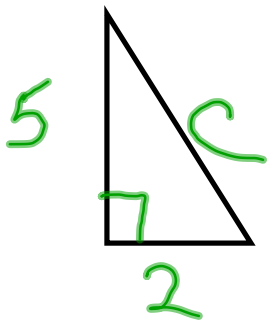
Chapter 2 - review for Chapter test tomorrow.


11)
$\sqrt[3]{10,648}$ =
$\sqrt[3]{22 \cdot 22 \cdot 22}$ =
22 =
notice the pattern
$2^3 = 8$
$12^3 = 1728$
$20^3 = 10648$
$32^3 = 32,768$
$4^3 = 64$
$14^3 = 2744$
$24^3 = 13824$

find c

Round to 100ths



$5^2 + 2^2 = c^2$

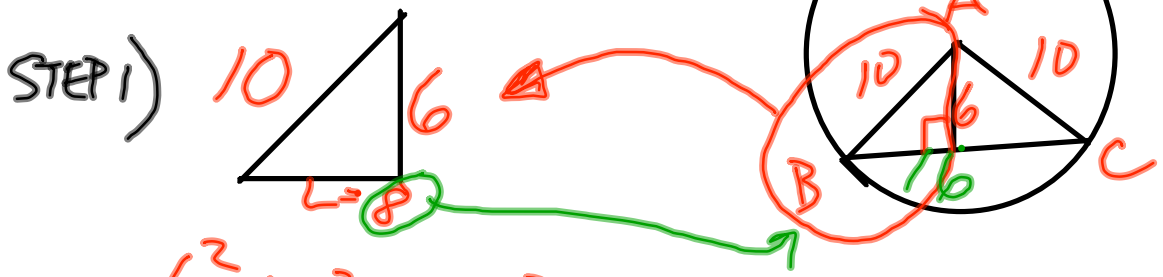
$25 + 4 = c^2$

$29 = c^2$

$29 = c \cdot c$

$5.39 = c$

find the area of $\triangle ABC$



$6^2 + L^2 = 10^2$

$36 + L^2 = 100$

$-36 \quad -36$

$L^2 = 64$

$L \cdot L = 64$

$50\ldots$

$L = 8$

STEP 2) $A_\triangle = \frac{1}{2} \cdot 16 \cdot 6$

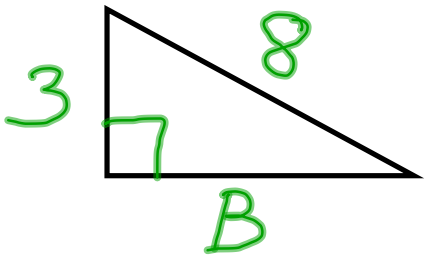
$= 48 \text{ units}^2$

$A_O = \pi \cdot 10^2$

$= 314.16 \text{ units}^2$

answer

find B



$3^2 + B^2 = 8^2$

$9 + B^2 = 64$

$-9 \quad -9$

$B^2 = 55$

$B \cdot B = 55$

$B = 7.42$

7.42 units

$\sqrt[3]{8} = 2$

$(1+5)^3 =$

$6^3 = 216$

good

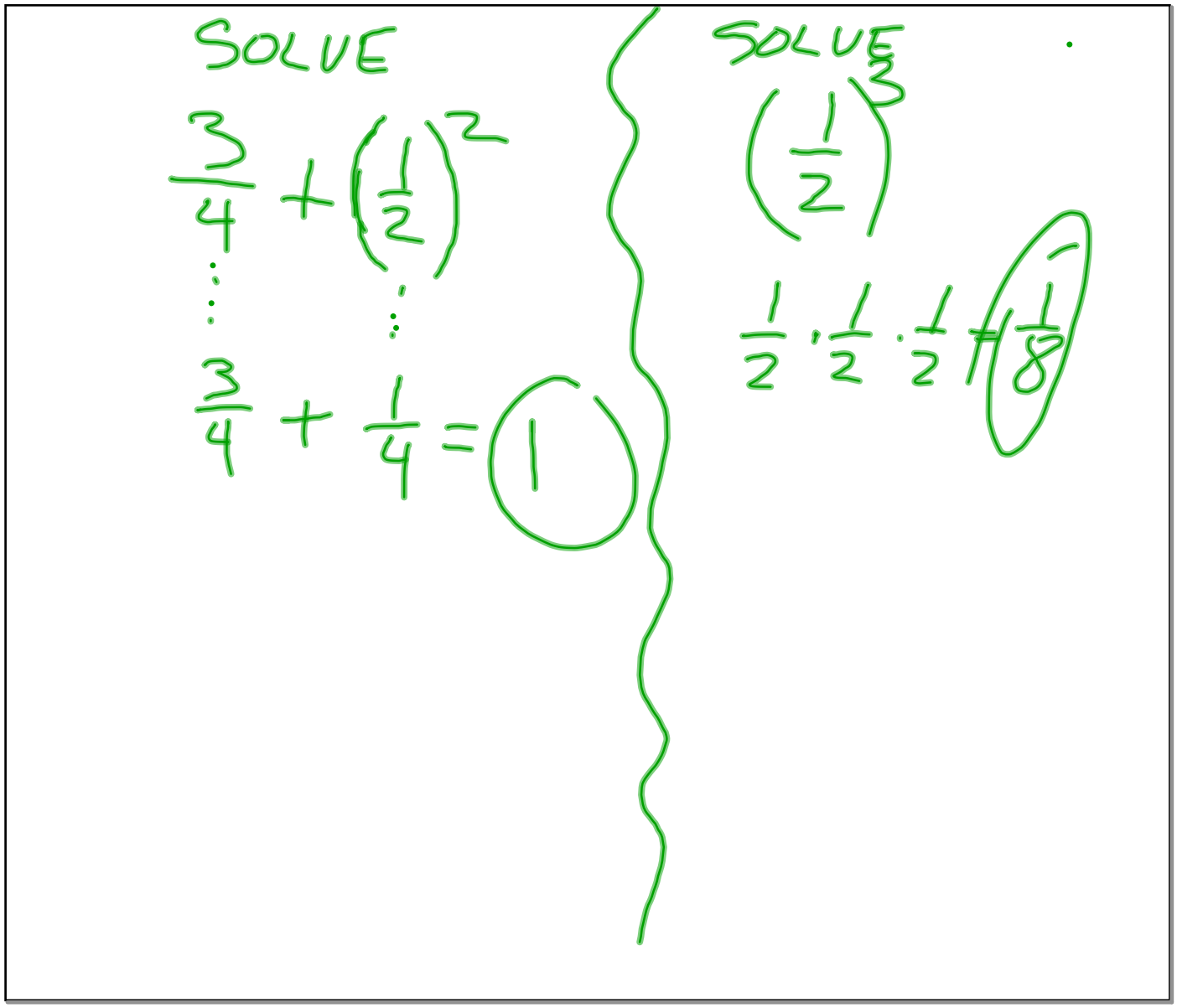
Solve

$4 + 62 \div \sqrt[3]{8}$

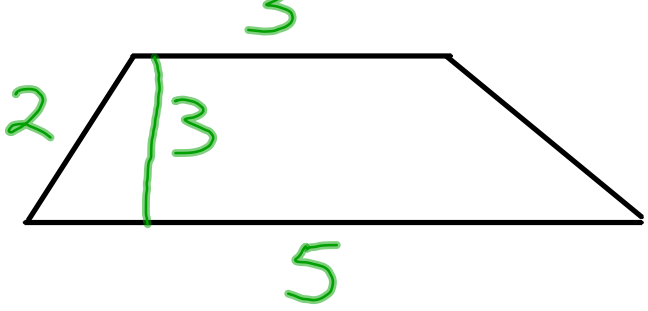
$4 + \underline{62 \div 2}$

$4 + 31$

35


SOLVE
$\frac{3}{4} + \left(\frac{1}{2}\right)^2$
$\frac{3}{4} + \frac{1}{4} = 1$
SOLVE
$\left(\frac{1}{2}\right)^3$
$\frac{1}{2} \cdot \frac{1}{2} \cdot \frac{1}{2} = \frac{1}{8}$

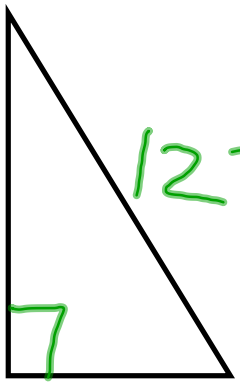
Find the area



$A = (3+5)\cdot\frac{1}{2}\cdot 3$

$= 8\cdot\frac{1}{2}\cdot 3$

$= 12 \text{ units}^2$



find area

STEP #1)

$8^2 + B^2 = 12^2$

$64 + B^2 = 144$

$-64 \quad -64$

$B^2 = 80$

$B = 8.944$

STEP 2)

$A_\Delta = 8 \cdot 8.94 \cdot \frac{1}{2}$

$\approx 35.76 \text{ units}^2$