1. Evaluate:

$-12.8 \div 8 = -1.6$

$$\begin{array}{r} 1.6 \\ 8\overline{)12.8} \\ -8 \\ \hline 48 \\ -48 \\ \hline 0 \end{array}$$

$125 \div 0.05 = 2500$

$$\begin{array}{r} 2500 \\ 5\overline{)12500} \\ -10 \\ \hline 25 \\ -25 \\ \hline 00 \\ -0 \\ \hline 00 \\ -0 \\ \hline 0 \end{array}$$

2. Simplify.

Write $23\frac{5}{6}$ as a decimal number.

$23.8\overline{3}$

$$\begin{array}{r} 0.833\ldots \\ 6\overline{)5.0000} \\ -48 \\ \hline 20 \\ -18 \\ \hline 20 \\ -18 \\ \hline 2 \end{array} \ddots$$

3. Evaluate the square root.

$\sqrt{0.00000009} = 0.0003$

8 places → 4 places

$\sqrt{0.0144} = 0.12$

4 places → 2 places

4. Evaluate the square root with a calculator to the nearest hundredth.

$\sqrt{0.025} \approx 0.16$

On calculator it shows:

0.158113883008...

5. The radius of the Earth is about 3963 miles at the equator. Find the <u>area</u> of the Earth at the equator (use $\pi \approx 3.14$). (Recall that the area of a circle is $A = \pi r^2$. You can use a calculator.)

$A = \pi r^2$

$\approx (3.14)(3963)^2$

$= \boxed{49314858.66\ \text{mi}^2}$

Q: Which is correct to say? The yolk of the egg *are* white, or the yolk of the egg *is* white?