

Name _____

Date _____

Advanced Real World Math Operations - Guided Lesson Explanation

Explanation#1

Step 1) First, we look to see what is being asked of us.

"How much will the deductions total for the year?"

Step 2) there are 12 months in a year. Deductions for each month are \$50.

Total deduction for whole year = $12 (-50) = -\$600$ or \$600

Explanation#2

Step 1) First, we look to see what is to be calculated.

"By what rate per second does ball go up in the sky?"

Step 2) The ball goes up 50 feet above ground in 25 seconds.

Rate per second = $\frac{50 \text{ feet}}{25 \text{ second}} = 2 \text{ feet/second}$

Explanation#3

$[-16(-0.2)] - [(-4) \times 0.66]$

We use the steps of PEMDAS to complete the problem.

$[-16(-0.2)] - [(-4) \times 0.66]$ Brackets

$[-16 (-0.2)] - [-4 \times 0.66]$ Multiply

$[3.2] - [-2.64]$ (minus a minus = a positive)

$3.2 + 2.64 = 5.84$

So the answer is 5.84.

