Determine whether each computation is appropriate in the situations below. Justify your choices, but do NOT actually solve the problems.

1. A problem reads "Carrie makes \$28,500 and has been promised a 3.25% raise next year. What will she be earning then?" Is it appropriate to take 3.25% of \$28,500 and add that to \$28,500 to answer the question? Why/why not?

2. A problem reads "A glacier's been shrinking by 5.6% per year. If it's 2500 meters long right now, how long was it last year?" Is it appropriate to take 5.6% of 2500 and subtract that from 2500 to answer the question? Why/why not?

3. A problem reads "My hotel bill was \$112.38 per night, including an 11.5% occupancy tax. What was the room rate?" Is it appropriate to take 11.5% of \$112.38 and subtract that from \$112.38 to answer the question? Why/why not?