There will be new types of questions for MAS-1 starting with the Fall 2023 sitting:
● Multiple Choice:
> Multiple answer choices are presented after a problem with only one correct answer.
● Multiple Selection (new):
> Multiple answer choices are presented after a problem with more than one correct answer.
● Point and Click (new):
> An image is presented after a problem where the candidate must identify the correct area of the image by clicking on the correct location in the image.
● Fill in the Blank (new):
> A blank section is presented after a problem where the candidate must input the correct value.

"The CAS will be publishing a new sample exam in the Pearson VUE software for candidates to practice the functionality of these new item types."

2, Q 27.40: **For the distribution of payments to the insurer (including the non-zero payments)**, determine $CTE_{80\%}$.

3, solution 29.6: Alternately, the confidence interval for $\mu_1 - \mu_3$ is:

$304 - 340 \pm 4.500 \sqrt{150.67/5} = -36 \pm 24.7 = (-60.7, -11.3)$.

Alternately, the confidence interval for $\mu_2 - \mu_3$ is:

$361 - 340 \pm 4.500 \sqrt{150.67/5} = 21 \pm 24.7 = (-3.7, 45.7)$.

3, Q 41.10: a uniformly.most **powerful** test

3, Q 41.14: a uniformly.most **powerful** test

6, solution 11.4: $\beta_0 + \beta_3 = 400. \Rightarrow \beta_3 = 400 - 500 = -100$.