Warning: The interactivity in this PDF file is enabled by Javascript. For full funcitonality you have to use the Javascript capable PDF browser. Currently only Adobe Reader is available.

EQUATIONS WITH DEFINITE INTEGRAL

TABLE–SELECTION GAME

Select one correct answer for each of the questions in the test and press the Finish button at the end. The answers will be validated automatically.

Choose the correct value of the unknown positive real number m, so that the given equality holds.

1.	$\int_{-1}^{m} \left(x^2 - 2x^5 \right) \, dx = \dfrac{2}{3}$	☐	☐	☐	☐
2.	$\int_{2}^{m} \dfrac{1}{x^2} \, dx = 0.3$	☐	☐	☐	☐
3.	$\int_{m}^{2} (x - 1) \, dx = \dfrac{1}{2}$	☐	☐	☐	☐
4.	$\int_{1}^{\frac{3}{2}} \left(x^2 - m \right) \, dx = -\dfrac{5}{24}$	☐	☐	☐	☐
5.	$\int_{3}^{9} \left(mx - \dfrac{1}{x^2} \right) \, dx = \dfrac{970}{9}$	☐	☐	☐	☐

MATH 4 Class