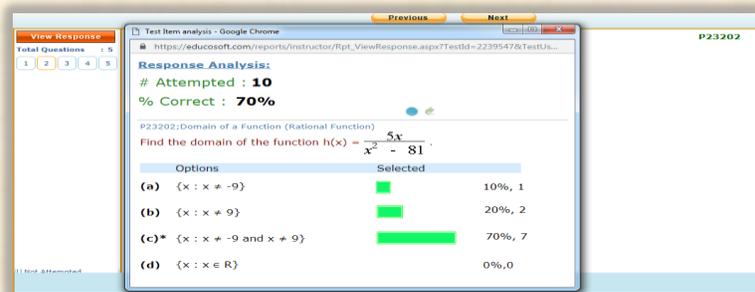


Assessment in Educosoft

(Learning and Evaluation)

Educosoft platform offers a powerful authoring tool and a large question bank for creating various types of assessments containing multiple types of questions. Educsoft offers ready-to-use but editable pre-made assessments for all standard courses. There are several options that can be attached to any assessment in terms of its behavior, delivery mode, delivery platform, security settings, grading options, and context of use. The assessment can be delivered online and graded automatically or printed for paper test and graded manually. The system generates multiple versions of printed assessments for maintaining integrity. The system generates various assessment types.

1. **In-Class Quiz:** Consists of two to four questions formative assessment that can be taken in class using a mobile device. The teacher can see live graphical updates on how students are responding. It helps instructors identify student's understanding of a concept being discussed, allowing them to adjust the instruction accordingly. In addition, this activity makes the class engaging and interactive.



2. **Practice Sheet:** Provides perfect environment for practicing, learning and self-assessment. In digital practice sheet, control is in student's hand. That makes it really engaging. Students decide how many questions to be included in each session, what mode to set (Challenge or Practice), and the duration of each session. The student can set a goal, i.e. "I will answer 10 questions in 5 min". The system generates unlimited variations of each question in each session, setting a perfect option for problem solving practice. All practice sessions are instantly graded and grade reports can be printed.

The screenshot shows a practice sheet titled 'Comparing and Arranging Like Fractions'. It includes a navigation grid (1-9, 0, Delete, Back, Clear), a timer (0:0:4), and a 'Click here to create a custom practice sheet' button. The questions are:

A. Fill in the blanks with proper sign: $\frac{2}{4}$ $\frac{6}{4}$ [Check] [Sol.]

B. Arrange in ascending order:

(2) $\frac{8}{5}$, $\frac{4}{5}$, $\frac{6}{5}$ [Check] [Sol.]

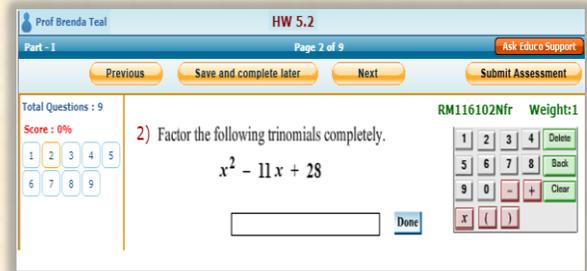
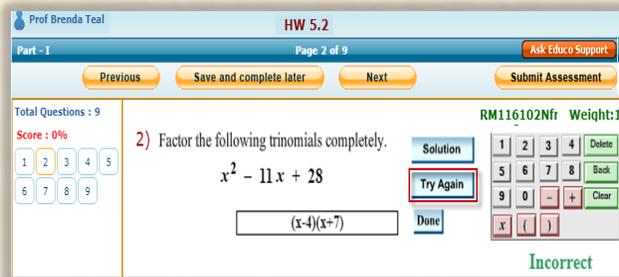
(3) $\frac{8}{23}$, $\frac{2}{23}$, $\frac{4}{23}$ [Check] [Sol.]

C. Arrange in descending order:

(4) $\frac{12}{11}$, $\frac{16}{11}$, $\frac{18}{11}$ [Check] [Sol.]

Buttons: [New Set] [Done] [222 of 673]

3. **Homework:** It is an online assessment delivered in a unique fashion that assists in learning and problem solving. It has sample question with solution as built-in tutorial. Homework can be set to activate only after the student studies concept tutorial as pre-requisite. Homework has built in help and immediate feedback option as well as challenge setting. The idea is to help students learn first by feedback and step-by-step solution, and then try a real problem over and over again in cyclic fashion until they get the problem right. Homework contains free response questions only (Not multiple choice), eliminating wild guess and encouraging real thoughtful work. The homework is resumable, meaning that the student does not have to finish the whole assignment in one sitting, and can stop and come back later to start from the last saved point.



4. **Practice Quiz:** It is a five-ten items quiz for every topic, usually taken by students before taking a real quiz but after completing the homework. It is supposed to provide fast review of the homework topics and prepare the student for the real quiz. The Practice mode offers instant feedback and solution.
5. **Quiz:** It is a graded assessment administered after each topic of a course unit. There is no feedback or solution provided during the quiz session. An analysis is provided at the end of the session with feedback for each question, and the solution and tutorial for incorrectly answered questions.
6. **Major Test:** is usually a high stake graded summative assessment used for evaluation of students' knowledge at the end of a unit, mid-term or Final Exam. A test has no help built in and has fixed time duration; once started it has to be completed in one sitting within the assigned time duration. It can have all types of questions including: Multiple Choice, Free Response, and questions that require submission of real handwritten work via mobile device. Tests can be administered online outside the campus with remote proctoring tool or can also be set to be taken only from a campus lab with physical proctor.

