

<u>Course</u> > <u>1a: Beginning Student Language</u> > <u>Expressions</u> > Questions 2-6 Questions 2-6 Question 2 1 point possible (graded) If you see #i2.718281828459045 appear in the interaction pane, it means: O It's an imaginary number. O Someone just sent a strange tweet. It's a number very close to 2.718281828459045. I thought you said there wouldn't be much math! Explanation Because computers are finite, DrRacket displays irrational numbers as inexact numbers by adding #i to the front. Submit • Answers are displayed within the problem Question 3 1 point possible (graded) Which of the following are expressions: sqr (+ 2 3) -+ #i1.4142135623730951 ✔ 🔽 1 🗸) Explanation At this point in the course an expression is either a value, or of the form (<pri>rimitive> <expression> ...).

We will shortly add to our vocabulary of expressions.

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• Answers are displayed within the problem

Question 4

1 point possible (graded)

Which of the following are values:

Examples of values are numbers, strings, and images. Consult the language tab for more information on values and how to form expressions. Submit Answers are displayed within the problem Question 5 1 point possible (graded) What would be the result of evaluating the following expression: (/ (* 2 3) (- 3 1)) 18 6 2 Explanation Evaluating (* 2 3) produces 6, and evaluating (- 3 1) produces 2. 6 divided by 2 is 3. Submit Answers are displayed within the problem Question 6 1 point possible (graded) Recall that the average of a set of numbers is the sum of the numbers divided by how many numbers there are.	sqr
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☑ -0.6 ✔	(/ (+ 4 0.2 -12) 3) ▼
	☑ -9.6 ✔

 $\textbf{Explanation} \\ \textbf{(+ 6.2 -12 4), (+ -8 6.2) and -.6 all evaluate to -0.6, so all three produce the correct result.}$

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• Answers are displayed within the problem

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