

Marvelous Meaningful Monthly Math

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Central Area Tech Prep, Mitchell Technical Institute, and Bridges

Education and Training December

Career – Registrar

Math Activity

You are the head registrar at the most prestigious math and science school in the country. The cutoff grade point average (GPA) for admittance is 3.7 out of 4.0. That's 92.5 percent.

Joshua Apps is applying for admission. In his senior year, he was captain of the football and basketball teams, class valedictorian and student body president.

Here is his transcript:

Course Title	Grade
Contemporary History	90
English Literature	83
Physical Education	95
Science	92
North American Geography	85
Corporate Economics	88

What is Joshua's grade point average?

Name _____ School _____ Teacher _____

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Solution

You need to calculate Joshua's grade point average (GPA).

Average = $(90 + 83 + 95 + 92 + 85 + 88) / 6$ classes

Average = 88.8 percent, or 0.888

GPA = 0.888×4 (because grade point average is on a scale out of 4)

GPA = 3.55

Despite all of his achievements, Apps is worth a grade point average of 3.55. He did well, but not quite well enough to measure up to your school's high standards.

"Being able to utilize mathematics is very important in my tasks," says registrar Larry Murdock. "More important is the ability to envision relationships, to see fractional representations and to predict demographic tendencies. Mathematics helps to train the mind."