A student is enrolled for 3 credit hours at School A and for 9 credit hours at School B. The full-time tuition and fee charge for an academic year at School A is $3,000, while the full-time charge at School B is $4,000. What is this student's average tuition and fee charge for an academic year?

Prorated charge at School A

$$\$3,000 \times \frac{3}{12}^1 = \$750$$

Prorated charge at School B

$$\$4,000 \times \frac{9}{12} = \$3,000$$

Add the prorated charges at both schools

$$\$750 + \$3,000 = \$3,750$$

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[1] Note that the denominator must be the total number of hours the student is taking at both schools.