

## Math Lesson 2: Student Worksheet

Name: \_\_\_\_\_

The objective of this activity is to help you compare college tuition in your state as well as learn about the amount of financial aid available at institutions you're interested in. As you do this activity, however, remember that the total cost of a year in college equals tuition plus room and board (if you live on campus) plus books and fees.

- Log on to <http://www.indianacareerexplorer.org/>. Select **Sign In** and then enter your username and password. Next, click **Sign Me In**.

### College One: Less than \$5,000

- Click on **Plan for Education** and select **Find Schools**.
- Click on **Filter Options**, then use the drop-down menu to select the state in which you plan on attending college.
- Use the **Tuition** drop-down menu to select **In State**. Below use the slider for **Fees** to select **\$0 to \$5,000**. Once you've filtered the selections, click **Apply Filters**.
- Click on the name of a college you'd like to learn more about and write its name here:

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- Using the **Costs & Financial Aid** tab on the right, fill in the following information for this school:
  - ✓ In-State Tuition \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Federal Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving State Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Institutional Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Loans \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_

### College Two: \$5,000 - \$10,000

- Use the **Find Schools** left navigation link to return to the school search page.
- Click on **Filter Options**, then use the drop-down menu to select the state in which you plan on attending college.

- Use the **Tuition** drop-down menu to select **In State**. Select **\$5,000-\$10,000** from the **Fees** slider bar. Once you've filtered the selections, click **Apply Filters**.
- Click on the name of a college you'd like to learn more about and write its name here:

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- Using the **Costs & Financial Aid** tab on the right, fill in the following information for this school:
  - ✓ In-State Tuition \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Federal Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving State Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Institutional Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Loans \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_

### College Three: \$10,000 - \$15,000

- Use the **Find Schools** left navigation link to return to the school search page.
- Click on **Filter Options**, then use the drop-down menu to select the state in which you plan on attending college.
- Use the **Tuition** drop-down menu to select **In State**. Select **\$10,000-\$15,000** from the **Fees** slider bar. Once you've filtered the selections, click **Apply Filters**.
- Click on the name of a different college you'd like to learn more about and write its name here:

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- Using the **Costs & Financial Aid** tab on the right, fill in the following information for this school:
  - ✓ In-State Tuition \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Federal Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving State Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Institutional Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
  - ✓ Percent of Students Receiving Loans \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_

### College Four: \$15,000 - \$20,000

- Use the **Find Schools** left navigation link to return to the school search page.
- Click on **Filter Options**, then use the drop-down menu to select the state in which you plan on attending college.
- Use the Tuition drop-down menu to select **In State**. Select **\$15,000-\$20,000** from the Fees slider bar. Once you've filtered the selections, click **Apply Filters**.
- Click on the name of a different college you'd like to learn more about and write its name here:

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- Using the **Costs & Financial Aid** tab on the right, fill in the following information for this school:
    - ✓ In-State Tuition \$\_\_\_\_\_
    - ✓ Percent of Students Receiving Federal Grants\_\_\_\_%      Average Amount \$\_\_\_\_\_
    - ✓ Percent of Students Receiving State Grants\_\_\_\_%      Average Amount \$\_\_\_\_\_
    - ✓ Percent of Students Receiving Institutional Grants\_\_\_\_%      Average Amount \$\_\_\_\_\_
    - ✓ Percent of Students Receiving Loans\_\_\_\_%      Average Amount \$\_\_\_\_\_

### College Five: \$20,000 and Up

- Use the **Find Schools** left navigation link to return to the school search page.
- Click on **Filter Options**, then use the drop-down menu to select the state in which you plan on attending college.
- Use the **Tuition** drop-down menu to select **In State**. Select **\$20,000 and up** from the Fees slider bar. Once you've filtered the selections, click **Apply Filters**.
- Click on the name of a different college you'd like to learn more about and write its name here:

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- Using the **Costs & Financial Aid** tab on the right, fill in the following information for this school:
    - ✓ In-State Tuition \$\_\_\_\_\_
    - ✓ Percent of Students Receiving Federal Grants\_\_\_\_%      Average Amount \$\_\_\_\_\_

- ✓ Percent of Students Receiving State Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
- ✓ Percent of Students Receiving Institutional Grants \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_
- ✓ Percent of Students Receiving Loans \_\_\_\_\_%      Average Amount \$ \_\_\_\_\_

## Comparing Colleges

Answer the following questions based on your research:

1. Which tuition range has the highest percent of students receiving any type of financial aid?

*(circle one)*

Less than \$5,000    \$5,000-\$10,000    \$10,000-\$15,000    \$15,000-\$20,000    \$20,000+

2. At the \$15,000-\$20,000 tuition range, what is the average tuition for students after federal grants are taken into account?

(In-State Tuition) \_\_\_\_\_ - (Federal Grant Average Amount) \_\_\_\_\_ = \_\_\_\_\_

3. At the \$20,000+ tuition range, what is the average tuition for students after institutional grants are taken into account?

(In-State Tuition) \_\_\_\_\_ - (Institutional Grant Average Amount) \_\_\_\_\_ = \_\_\_\_\_

4. At the \$5,000-\$10,000 range, what is the average tuition for students after loans are taken into account?

(In-State Tuition) \_\_\_\_\_ - (Loan Average Amount) \_\_\_\_\_ = \_\_\_\_\_

5. At the \$10,000-\$15,000 range, what is the average tuition for students after state grants are taken into account?

(In-State Tuition) \_\_\_\_\_ - (State Grant Average Amount) \_\_\_\_\_ = \_\_\_\_\_

Based on your mathematical calculations about tuition, what have you learned about tuition and financial aid? How might this affect your college choice?

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