| **Tax Scenario: A** |
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| A city increases the property tax rate from **1.2% to 1.5%** of the home’s assessed value.  A homeowner owns a house assessed at **$250,000**.  **Tasks:**   1. Calculate the previous annual property tax. 2. Calculate the new annual property tax. 3. Find the **difference** in tax paid before and after the increase.   If the homeowner is paid monthly, how much **more per month** will they now owe? |

| **Tax Scenario: B** |
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| Your state adds a **3% fast food tax** on top of the standard **6% sales tax**.  You bought a meal that cost **$12.50**.  **Tasks:**   1. Calculate the **total sales tax** (combined 6% + 3%) on the meal. 2. Find the **final cost** of the meal with tax included.   If you eat fast food 2 times a week for a year, how much **extra** will you pay annually because of the new 3% tax? |

| **Tax Scenario: C** |
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| Jamie earns **$38,000** per year and pays **12% federal income tax**. She had **$5,500** withheld in taxes from her paycheck.  Tasks:   1. Calculate how much tax Jamie **owes** based on 12% of her income. 2. Compare this to the **amount withheld** to determine if she gets a refund or owes more.   If Jamie receives a refund, how much will it be? |

| **Tax Scenario: D** |
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| A state raises its gasoline tax by **$0.10 per gallon**.  You drive **15,000 miles per year**, and your car gets **25 miles per gallon**.  **Tasks:**   1. Calculate how many gallons of gas you use in a year. 2. Determine how much **extra** you’ll pay annually due to the tax increase.   If the funds are used to build new roads costing $2 million, how many drivers (with your same usage) would it take to cover the cost? |

| **Tax Scenario: E** |
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| A small business earned **$120,000** in profit last year.  Previously taxed at **8%**, the local tax rate has increased to **10.5%**.  **Tasks:**   1. Calculate the old tax bill at 8%. 2. Calculate the new tax bill at 10.5%. 3. Find the **difference** in taxes owed. 4. If the business wants to maintain the same profit margin, how much more would it need to **raise prices across 6,000 annual transactions**? |

| **Tax Scenario: F** |
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| **Situation:** Two tax models are being debated:   * **Flat Tax:** 15% on all income. * **Progressive Tax:**   + 10% on first $20,000   + 15% on $20,001–$60,000   + 20% on income over $60,000   **Income Profiles:**  • Alex: $25,000 • Jordan: $60,000 • Casey: $95,000  **Tasks:**   1. Calculate how much each person pays under **both systems**. 2. Compare the differences. 3. Who benefits more from the flat system? Who pays more under the progressive system? |