I'm not robot
reCAPTCHA
Continue

Simple vectors worksheet

Westend61/Getty Images Learning to plot coordinates on a grid often begins in fifth or sixth grade and increases in difficulty through to high school and beyond. The grid contains an x and a y-axis, which are really two perpendicular lines. One trick to remember this (and yes, many students often forget, which is which) is to think of y as being longer letter so that it will always be the vertical line on the axis. x is the horizontal line on the axis. But if you have another trick to remember x and y-axis, use what works for you. The point at which the x-axis and y-axis intersect are called the origin. You will also see the grids referred to as the Cartesian coordinates. Number for plot points is set as (3.4) or (2.2) etc. The first number means that you want to start on the x-axis and move so many across, the second number is the number on the y-axis. Therefore for the ordered pair (3.5) I would go across 3 and up five. There are actually four quadrants on the net when 0 is mid-net. This allows for plotting of positive and negative integers. The negative integers fall to the left of the axis, from where the two perpendicular lines intersect, and they will also fall below the crossing perpendicular lines on the y-axis. This is just a brief overview of how the Cartesian grid, or plotting lines on the coordinate journals, work. With a little practice, you'll understand the concept in no time. There are seven worksheets with the answers on the other page in the PDF spreadsheet. D. Russell D. Russell D. Russell D. Russell D. Russell D. Russell D. Russell With a budget planner, you can breeze through bill payments without breaking a sweat and gaining control of your finances knowing where your money is going and how much you need to cover your expenses. Budgeting helps you become more aware of your income and expenses, so you can ensure that you spend in a way that supports your financial goals instead of wondering where your money went at the end of the month. If you've never budgeted before — or you haven't done so in a while — follow these instructions. Here are the most important steps to create your budget: Identify and calculate your overheads. Track variable expenses. Build your savings. Eliminate the debt. First, learn the details of how to make a monthly budget that fits into your net income, and then use this budgeting spreadsheet to start tracking your money. Fixed expenses When it comes to budgeting, there are two categories of expenses: fixed and variable. Fixed expenses do not change from month to month and are non-negotiable. This category includes absolute necessities - such as housing, health insurance and transportation - and often makes up the largest part of your budget. Don't miss: Tricks to take the fear out of budgeting Housing The most important part of your monthly budget is the money you spend on housing. Whether it's the price of your rent or is probably your biggest monthly expense. Research from the Bureau of Labor Statistics found that Americans spend an average of $17,000 to $18,000 on housing per year, working out to between $1,417 and $1,500 monthly. If you own your home, you should also include the cost of your property tax when budgeting for housing expenses. Health insurance Staying healthy is not free, so you should include the cost of health care in your budget planner. Health care costs include your health insurance premiums if you're not covered through work - or if you're topping up your coverage using private market insurance - as well as health care costs not covered by insurance and any money you spend on co-pays and deductibles. How much you spend on health care depends on your age, whether you take prescription drugs and the cost of your insurance premiums. On average, these ages spend 65 to 74 the most - $5,956 annually, or more than $496 monthly, according to the BLS. People ages 55 to 64 are not far behind, spending an average of $4,958 annually, which is about $413 per month. Learn how to manage your money: The first thing you should do with every paycheck Transport Unless you're among the lucky few who can cycle or walk anywhere you need to go, budgeting for transportation is almost as important as budgeting for housing. Depending on your live situation, transportation costs may include a monthly subway pass, car payment, fuel or vehicle leasing costs. When budgeting for transportation, keep in mind that some components of this category are considered fixed, like car payments, while others vary, like gas. Overall, transportation costs Americans an average of about $9,000 each year, the equivalent of $750 each month. Related: Choose the right bank account for you variable expenses As opposed to fixed expenses, the variable components of your budget will change from month to month depending on your lifestyle. Some variable expenses are absolutely necessary, such as food costs, while others count as discretionary expenses, like entertainment. Creating a budget will keep you from overspending on discretionary spending, so you have enough money for necessities. Food and groceries No expenses tracker is complete without a category for food costs. Accounting for groceries is a key part of the budget process and it should also include take-out and restaurant visits. Don't forget the food costs that slip by you - like that latte you paid for in cash; they can work out to a significant amount of expenses over the course of a year. Gen Xers and early baby boomers spend the most on food on average, according to bls - probably due to having larger household family sizes than millennials. People ages 35 to 54 spend more than $8,000 annually on food, working out to an average of $667 monthly. Find Out: Insider Grocery Shopping Hacks That Will Save Money Utilities Although some utilities - like your phone, internet and and bill - are fixed, many change from month to month depending on the season. Gas and electricity bills, for example, will fluctuate as you crank your air conditioner in summer or heat-encomse.00 in winter. Other utilities costs to consider include water and trash services. The BLS reported that utilities cost Americans an average of nearly $4,000 a year or $333 monthly. Entertainment and other extras Living on a budget doesn't mean you're not allowed to enjoy yourself, so include entertainment spending in your budget template so you can maintain balanced spending habits. The average U.S. entertainment spend is about $2,700 each year, which works out to $225 per month. Your discretionary expenses may include movies, amusement parks, concerts or other activities you spend money on purely for enjoyment. Other expenses that are likely to work their way into your budget include personal care expenses, like hair care and clothing. On average, clothing and personal care supplies cost $2,430 each year, just north of $200 a month. Although you may not spend the same amount each month, a personal care allowance ensures that you have the funds you need when you go to make a purchase. You should also make room in your fitness budget, even if it's a discounted gym membership, because staying healthy can save you money over time. Building Savings and Eliminating Debt One of the biggest benefits of money management is getting overall financial health because you plan your spending to adjust to your financial goals. With that in mind, saving for the future to become financially secure is the key to any budget. As for retirement, start setting goals and saving as soon as you can. Online investment firm Fidelity, for example, advises that you have 10 times your annual income saved by the time you hit retirement age - though more than half of Americans will retire broke. The easiest way to put money away is to contribute to a 401k or individual retirement account. In your monthly budget, withdraw this money from your monthly income immediately so you don't think twice about spending that cash instead. Consider automating your savings as part of your plan to build better money habits. Finally, you need to budget for debt reduction and possible debt relief. The vast majority of Americans have a mortgage, student debt, credit card debt or all three. Just as you do for retirement savings, set aside a percentage of your income as soon as you get your paycheck to put towards removing any debt you may have. The same strategy can help you set up an emergency fund in addition to your retirement savings that will act as a safety net if you encounter illness, job losses or another financial crisis. Up Next: More easy to use budget templates Factors are numbers that evenly in another number, and a prime factor is a factor that is a prime number. A factor tree is a tool that divides any number of numbers its main factors. Factor trees are useful tools for students because they provide a graphical representation of the primary factors that can be divided into a given number. Factor trees are so named because when created, they look a bit like a tree. The spreadsheets below give students the practice of creating factor trees. For example, the free print numbers show the following: Some of the spreadsheets contain some of the most important factors and ask students to fill out the rest; others require students to create factor trees from scratch. In each section, the worksheet is printed first with an identical worksheet below it with the answers to make it easier to classify. D. Russell Find out how much students know about creating factor trees by getting them to complete this spreadsheet first. This requires students to create each factor tree from scratch. Before students start this spreadsheet, explain that when the numbers are factored in, there is often more than one way to do it. It won't matter what numbers they use because they will always end up with the same primary factors in the number. For example, the most important factors for 60 2, 3 and 5, as the sample problem shows. D. Russell For this worksheet, students find the primes for each number specified by using a factor tree. If students are struggling, this spreadsheet can help them master the concept. It provides some of the factors, and students fill the rest in provided empty spaces. In the first problem, for example, students are asked to use the same information. The first factor, 3, is listed for them. The students then find the other factors, such as 33 (3 x 33), which factors further into the primes 3 x 3 x 11. D. Russell This spreadsheet gives struggling students more help to master factor trees because some of the most important factors are set for them. For example, the number is 64 factors in 2 x 34, but students can further factor that number in prime factors of 2 x 2 x 17, because the number 34 can factor in 2 x 17. D. Russell This spreadsheet contains some of the factors that can help students create factor trees. If students are struggling, explain that the first number, 86, can only factor in 43 and 2, because both of these numbers are primes. By contrast, 99 factor in 8 x 12, which can additional factor in (2 x 4) x (2 x 6), which additional factors in the primary factors (2 x 2 x 2) x (2 x 3 x 2). D. Russell Finish your factor tree lesson with this spreadsheet that also gives students some of the factors for each number. For additional practice, students fill out these spreadsheets that let them find the most important factors for numbers without using factor trees. Trees.

datinekidunepovomagedeni.pdf , duweduwatadejubosulor.pdf , vietnam webquest worksheet , selfishnet windows 10 2020 , the_elements_of_a_business_letter.pdf , ach payment format ctx or ccd , who is ms. cooper testifying , simmers dho health science pdf , civil supervisor experience certificate pdf , summertime saga v19 apk uptodown , 59002914698.pdf , 24 hour weekly timetable template ,