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Adjacent and opposite angles worksheet

In this spreadsheet, we will practice identifying adjacent angles and solving related issues. Q3: Determine whether the angles $\angle 2$ and $\angle 5$ are adjacent, vertical, or neither adjacent nor vertical. AAdjacent Bneither adjacent or vertical Cvertical Q4: Determine whether the angles $\angle 4$ and $\angle 6$ are adjacent, vertical or neither adjacent nor vertical. Avertical Bneither adjacent or vertical Cvertical Q5: Determine whether the angles $\angle 3$ and $\angle 4$ are adjacent, vertical or neither adjacent nor vertical. Aneither adjacent or vertical Badjacent Cvertical Q6: Are $\angle 1$ and $\angle 2$ adjacent angles? Q9: Are $\angle 1$ and $\angle 2$ adjacent angles? Q10: Locate the sum of the two adjacent angles specified in the chart. 12: Determine whether the angles $\angle 1$ and $\angle 4$ are adjacent, vertical, or neither adjacent nor vertical. Avertical BAdjacent Cneither adjacent or vertical Q14: From the figure is determined $m\angle AEC$. Q15: Given the following numbers, find the value of x . Q16: Find $m\angle y$ da $m\angle x=29^\circ$ and $m\angle ABC=139^\circ$. Q17: Use $<$; $=$; or $>$; to fill in the blank: $m\angle XCBm\angle ACY$. Q19: Find $m\angle x$ if $m\angle y=48^\circ$ and $m\angle JKL=112^\circ$. Q20: If $m\angle BMC=2m\angle AMB$, find $m\angle AMD$. Q22: Find the value of x . Question 23: Find $m\angle DOE$ in the following figure. Q24: $\angle G$, $\angle E$ and $\angle C$ are accumulating angles at one point. If $m\angle G=55^\circ$ and $m\angle E=165^\circ$, find $m\angle C$. Q25: In the figure below, find $m\angle DMC$. This worksheet defines adjacent, complementary, complementary, and vertical angles. An example problem has been resolved and there are two practice problems. Students will identify the measures listed. There are 10 problems. Ten images of lines that meet at points are available. Students will classify all the measures listed. This sheet lines all the different types of classifications that students should be aware of for this entire section. It makes a great review sheet to have handy. Students will study each graph and find the value and classification that each issue asks for. There are six practice problems. Students will demonstrate their skills in identifying adjacent, complementary, complementary and vertical measures. There are 10 problems. Students will find and name what is listed. There are three problems, and there is room for students to copy the correct answer when given. This worksheet explains how to name all pairs of adjacent measures in the image. An example problem is solved for you. These worksheets explain how to name the specified values in an image. An example problem has been resolved and there are two practice problems. Students will mention the measures all over the place. There are 10 problems. Ten images of measures have been presented. Students will find the ratings specified with each image. Eight images are provided. Students will find what is asked in each image. Students will identify a variety of measures and label them. There are three problems. Students will study Image. They will find what is asked of them. Students will find the angle angle in each problem. Ten pictures are provided. Take your time and find all the asked for measures. This makes for a great take home sheet. Students will practice recognizing adjacent, complementary, complementary and vertical measures. There are 10 problems. Ten images of adjacent, complementary, complementary and vertical measures are offered. Students will find the measures they are looking for. This worksheet explains how to find the number of degrees at specific angles. An example problem has been resolved and there are two practice problems. Students read the description and then determine the number of degrees of each goal. There are 10 problems. The problems on this sheet will really help you deal with and deal with word problem in this environment. This spreadsheet reviews all the concepts we have learned here. An example problem is solved and six practice problems are fixed. Students read the description of each angle(s) and specify how many degrees each contains. There are 10 problems. This provides a nice skill review for students. There are three problems, and there is room for students to copy the correct answer when given. In this spreadsheet, we will practice examining the relationship between angles in crossing lines and finding a target for unknown angles. Q3: In the figure, \overleftrightarrow{AB} and \overleftrightarrow{CD} cut each other by L. What is $m\angle ALD$? Q5: In the given chart, $m\angle AXB = (4x-8)^\circ$ and $m\angle CXD=44^\circ$. Find the value of x . $Ax=13$ $Bx=34$ $Cx=36$ $Dx=9$ $Ex=44$ Q6: Knowing that $\overleftrightarrow{AB} \cap \overleftrightarrow{CD} \cap \overleftrightarrow{OE} = \{M\}$, $m\angle EMD=61^\circ$, $m\angle CMB=67^\circ$ and $m\angle OMA=x$, find x . Q8: If $\angle a$ and $\angle b$ are vertical angles where $m\angle a=(2x-10)^\circ$ and $m\angle b=(x+7)^\circ$, find $m\angle a$ and $m\angle b$. $Am\angle a=52^\circ$, $m\angle b=38^\circ$. $Bm\angle a=112^\circ$, $m\angle b=68^\circ$. $Cm\angle a=52^\circ$, $m\angle b=52^\circ$. $Dm\angle a=38^\circ$, $m\angle b=38^\circ$. $Em\angle a=24^\circ$, $m\angle b=24^\circ$. Q9: In the shape $m\angle EOB=(3x+25)^\circ$, $m\angle BOD=(6x+4)^\circ$, $m\angle FOD=(3y)^\circ$ and $m\angle AOF=65^\circ$. Find the x and y values. $Ax=65$, $y=81$ $Bx=8$, $y=12$ $Cx=5$, $y=27$ $Dx=10$, $y=2$ $Ex=9$, $y=8$ Q10: In the given chart, $m\angle AXB = 40^\circ$. Find $m\angle CXD$. Question 12: What is $m\angle RMS$ in the following figure? Q13: Find the value of x . Q15: Lines AC and BD meet at O. Determine the value of x . Q16: In the figure rays \overrightarrow{VAE} and \overrightarrow{VCD} meet at B, and $m\angle DBE = 59^\circ$. What is $m\angle BAC$? Q17: If $m\angle XBE=36^\circ$ and $m\angle ZAY=101^\circ$ in the given number, you will find $m\angle FCB$. Q18: Which of the following statements always applies to vertically opposite angles? AVertically opposite angles sum to 360° . BVertically opposite angles sum to 270° . CVertically opposite angles are complementary. DVertically opposite angles are straight. EVertically opposite angles are complementary. Q19: What is the sum of the two adjacent angles formed by a straight line and a beam? Q20: Which of these is the appendix of a pointed angle? Create angle Bacute angle Creflex angle Dobtuse angle Q21: If $m\angle A + m\angle B = 180^\circ$, then $\angle A$ and $\angle B$ are . ESupplementary Badjacent Ccomplementary Dequal in measure Q22: Two angles are complementary and one of them is $a144^\circ$. What's the other one? Question 23: In the given chart $\angle ABC$ angle and $\angle ABD=63^\circ$. Work $m\angle DBC$. Question 24: Find $m\angle AOB$, $m\angle AOE$ and $m\angle AOC$. Am $\angle AOB=138^\circ$, $m\angle AOE=42^\circ$, $m\angle AOC=69^\circ$. Bm $\angle AOB=138^\circ$, $m\angle AOE=69^\circ$, $m\angle AOC=42^\circ$. Cm $\angle AOB=138^\circ$, $m\angle AOE=42^\circ$, $m\angle AOC=69^\circ$. Dm $\angle AOB=69^\circ$, $m\angle AOE=138^\circ$, $m\angle AOC=42^\circ$. Here is a graphic example for all angle spreadsheets. You can select different variables to customize these angles worksheet to your needs. Angles spreadsheets are randomly created and will never repeat, so you have an endless supply of quality Angles Spreadsheet for use in the classroom at home. We have classifying and naming angles, reading protractors and measuring angles, finding complementary, complementary, vertical, alternate, corresponding angles and more. Our angles spreadsheet is free download, easy to use, and very flexible. These Angles Spreadsheets are a great resource for children in 3rd grade, 4th grade, 5th grade, 6th grade, 7th grade and 8th grade. Click here for a detailed description of all angles worksheet. Click the picture you want to take to those worksheets with angles. Classification of angles Spreadsheet These angles spreadsheets is good for teaching the correct nomenclature to identify angles and sides of angles. They will be asked to mark the node and sides of angles and name all angles with a given vertex. These angles spreadsheet will produce 12 problems. Angular pairings Worksheets These angles Worksheets are good for identifying angular pairings. The student identifies adjacent, complementary, linear pairs or vertical angles. These spreadsheets will produce 8 problems per page. Production of protracter images Spreadsheet These angles Spreadsheet is great for handouts or overhead projector where a protracter image is needed. You can also print this protracter images on a piece of acetate to make a large size protracter for use in the classroom. These angles Spreadsheet will produce one, two, four or six images of one protracter per page. Reading a protractor Spreadsheet These angles Spreadsheets are perfect for practicing reading and using a protractor to measure different angles. These angles Spreadsheet will produce two problems per page. Measuring Angles Spreadsheet These angles Spreadsheets are good for practicing measurement angles with a protractor. These spreadsheets will produce 8 problems per page. Drawing Angles Spreadsheet These angles Spreadsheets are good for practicing drawing angles with a protractor. These spreadsheets will produce 8 problems per page. Identifying whether a point is inside, outside, or on the angle. These spreadsheets will produce 9 problems per page. Angle Addition Spreadsheet These angles Spreadsheets are good at angle addition postulate. These angle spreadsheets will produce 9 problems per page. Find complementary angles Spreadsheet These angles Spreadsheets are good for practicing finding missing angles from complementary angle pairs. You can select whole numbers or decimal numbers for the problems and configure the worksheet for 9, 12, or 15 problems. Find complementary angles Spreadsheet These angles Spreadsheets are good for practicing find missing angles from complementary angle pairs. You can select whole numbers or decimal numbers for the 6 issues generated per worksheet. Find corresponding angles Spreadsheet These angles Spreadsheets are good for practicing find missing corresponding angles from different graphs. You can select whole numbers or decimal numbers for the 6 issues generated per worksheet. Find all angles Spreadsheet These angles Spreadsheets are good for practicing find missing angles on a graph using complementary, complementary, vertical, alternative and corresponding angular relationships. You can select whole numbers or decimal numbers for the 6 issues generated per worksheet. Arcs and Central Angles Spreadsheet These Angles Spreadsheet will produce problems to identify and work with inscribed angles and arcs. You can choose which numbers to name, the number of points on the circumference of the circle, and the types of numbers inscribed in the circles. Inscribed Angles Worksheet These Angles Spreadsheet will produce problems to identify and work with inscribed angles and arcs. You can choose which numbers to name, as well as the types of numbers inscribed in the circles. Click here for more geometry spreadsheets