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Create your free account By continuing, you agree to Quizgecko's Terms of Service and Privacy Policy. Complementary & Supplementary Angles Complementary and Supplementary Angles FREE Students find complements and supplements. Then they circle a pair of angles that are supplements. Then they determine whether each pair of angles is complementary, supplementary, or neither. 6th through 8th Grades Task Cards: Complementary & Supplementary Find the complements and supplements of the angles shown on the cards. This file includes 30 cards that can be used for learning centers, peer help sessions, or on your document camera. 6th through 8th Grades Find Complementary Angles Pairs of complementary angles are shown. The measurement of one is given. Students must calculate the measurement of the other. 6th through 8th Grades This worksheet serves as a basic introduction to complementary angles. At the top, the concept is described. At the bottom, students are instructed to find the complement to each angle shown. 6th through 8th Grades Find Supplementary Angles On each problem, students are shown two angles. The measurement of one angle is known. The other is the supplement, which must be calculated. 6th through 8th Grades This is a very basic introduction to supplementary angles. At the top of the page is an explanation box. Then students are shown nine angles. They need to find the supplement for each. 6th through 8th Grades Adding Adjacent Angles Together This page has illustrations of 2 adjacent angles. Students must recognize the combined angle as additive. There's also an angle word problem that requires students to divide. 4th and 5th Grades In order to continue enjoying our site, we ask that you confirm your identity as a human. Thank you very much for your cooperation. Feel free to use or edit a copy includes Teacher and Student dashboards Tag the questions with any skills you have. Your dashboard will track each student's mastery of each skill. edit the questions save a copy for later start a class game automatically assign follow-up activities based on students scores assign as homework share a link with colleagues print as a bubble sheet Improve student outcomes for free! If two angles are complementary, what is the sum of their measures? Edit a copy to suit your class Q11 If two angles are complementary, what is the sum of their measures? Q2 If two angles are supplementary, what is the sum of their measures? Q3 What type of angles are formed when two lines intersect? Q4 What is the relationship between two angles if one measures 30 degrees and the other measures 60 degrees? Q5 Two angles are vertical angles and one measures 45 degrees. What is the measure of the other angle? Q6 If angle A and angle B are supplementary angles and angle A measures 110 degrees, what is the measure of angle B? Q7 Which of the following angle pairs are equal in measure? Q8 If angle X is 25 degrees, what is the measure of its complementary angle? Q9 If angle P is 30 degrees and angle Q is its vertical angle, what is the measure of angle Q? Q10 If angle A is 80 degrees and angle B is complementary to angle A, what is the measurement of angle B? Q11 Two angles are vertical angles, and one angle measures 85 degrees. What is the measure of the other angle? Q12 Two angles form a supplementary pair, and one angle measures 120 degrees. What is the measure of the other angle? Q13 If two angles are complementary and one angle is 35 degrees, what is the measure of the other angle? Q14 Two angles are supplementary and the measure of one angle is twice the measure of the other. What is the measure of the smaller angle? Q15 If three angles around a point are 120 degrees, 90 degrees, and 50 degrees, what is the measure of the fourth angle? Edit a copy to suit your class This test is based on the following Common Core Standards: CCSS.Math.Content.8.G.5 Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. 1) Classify the following pair of angles as complementary, supplementary, vertical, or neither a) Complementary b) Supplementary c) Vertical d) Neither 2) Which of the following applies to the given figure? a) 1 and 4 are adjacent angles b) 2 and 3 are vertical angles c) 2 and 3 are corresponding angles d) 3 and 4 are adjacent angles e) 2 and 3 are adjacent angles 3) Determine whether the angles 2 and 5 are adjacent, vertical, or neither adjacent nor vertical a) vertical b) adjacent c) neither vertical nor adjacent 4) Determine whether the angles 4 and 6 are adjacent, vertical, or neither adjacent nor vertical. a) vertical b) neither vertical nor adjacent c) adjacent 6) Are 1 and 2 adjacent angles? a) No b) Yes 7) Are 1 and 2 adjacent angles? a) Yes b) No 8) Are 1 and 2 adjacent angles? a) Yes b) No 9) Are 1 and 2 adjacent? a) Yes b) No 10) Find the sum of the two adjacent angles given in the diagram. a) 73 b) 83 c) 85 d) 90 Visual style Show all More formats will appear as you play the activity. This test is based on the following Common Core Standards: CCSS.Math.Content.6.G.5 Use informal arguments to establish facts about the angle sum and exterior angle of triangles, about the angles created when parallel lines are cut by a transversal, and the angle-angle criterion for similarity of triangles. Correct Answer Explanation In the given picture, angle B is formed by the intersection of two lines. The measure of angle B can be determined by subtracting the sum of the other two angles (54 degrees and 44 degrees) from 180 degrees (the sum of all angles in a triangle). Therefore, angle B measures 136 degrees. Explanation Supplementary angles are a pair of angles that add up to 180 degrees. Therefore, the correct answer is 180. Correct Answer Explanation The measure of angle A is 44 degrees because it is the only option that is less than 90 degrees. In a triangle, the sum of all angles is 180 degrees. Since angle A is less than 90 degrees, it must be an acute angle. Explanation Vertical angles are formed when two lines intersect. These angles are opposite each other and share a common vertex. The property of vertical angles is that they always have equal measures. This means that if one vertical angle measures 60 degrees, the other vertical angle will also measure 60 degrees. Therefore, the correct answer is "equal". Correct Answer Explanation The measure of angle C is 44 degrees because it is the only option that is less than 90 degrees. In a triangle, the sum of the angles is always 180 degrees. Since angle C is less than 90 degrees, it must be an acute angle. Correct Answer Explanation Angles A and B are supplementary because they add up to 180 degrees. In other words, when the measures of two angles add up to 180 degrees, they are called supplementary angles. Quiz Review Timeline (Updated): Mar 21, 2023 + Our quizzes are rigorously reviewed, monitored and continuously updated by our expert board to maintain accuracy, relevance, and timeliness. Mar 21, 2023 Quiz Edited by ProProfs Editorial Team Jan 27, 2010 Quiz Created by Thatshimthatsthe Explanation The missing angle is 90 degrees because the given answer is 90. Explanation If the smaller angle in the image is 30 degrees, then the bigger angle would be twice its size, which is 60 degrees. This is because angles that are opposite each other and formed by intersecting lines are known as vertical angles, and they are always congruent or equal in measure. Therefore, if one angle is 30 degrees, the other angle must also be 30 degrees, making the total measure of the bigger angle 60 degrees. Explanation The two angles in the image are examples of complementary angles because they add up to 90 degrees. Quiz Review Timeline (Updated): Feb 17, 2025 + Our quizzes are rigorously reviewed, monitored and continuously updated by our expert board to maintain accuracy, relevance, and timeliness. Feb 17, 2025 Quiz Edited by ProProfs Editorial Team Expert Reviewed by Janaisa Harris Complementary, Supplementary and Vertical Angles Quiz Mathematics 6th - 8th Grade 803 plays Medium 7.G.B.5, 4.G.A.1, 4.G.A.2

**What are complementary supplementary angles. Complementary supplementary and vertical angles quiz pdf. What is complementary supplementary and vertical angles. Supplementary angles vertical angles. Vertical angles complementary angles supplementary angles. Can supplementary angles be complementary.**