

The idea of this activity is to use polling to find out if the students know common definitions used in Geometry as we prepared for our NCLB assessment, then to test their knowledge at the end using LearnCheck.

The first part of this activity is made in 24 point font so that you can make overheads of the questions and answer choices. The activity was created to do without the LCD projector, as I wanted every student to vote, then I wanted to send the class results back to the class for discussion before I tell them the correct answer. After I have gone through all the overheads, I ended the activity with the learn check several days later to see what knowledge was gained.

Answers:

1. A
2. C
3. B
4. D
5. C
6. B
7. D
8. C
9. D
10. B

1. Which of these are the correct words for the definition “two angles that add up to be 90 degrees?”

A) Complementary angles

B) Linear pair

C) Supplementary angles

D) Vertical angles

2. Which of these are the correct words for the definition “two angles that add up to be 180 degrees?”

A) Complementary angles

B) Linear pair

C) Supplementary angles

D) Vertical angles

3. Which of these are/is the correct word(s) for the definition “a piece of a line bounded by 2 endpoints?”

- A) line
- B) line segment
- C) point
- D) ray

4. Which of these are/is the correct word(s) for the definition “a part of a line including the vertex and all other points in one direction?”

- A) line
- B) line segment
- C) point
- D) ray

5. Which of these is the correct word for the definition “a quadrilateral with four equal sides?”

- A) kite
- B) rectangle
- C) rhombus
- D) square

6. Which of these is the correct word for the definition “a quadrilateral with four right angles?”

- A) kite
- B) rectangle
- C) rhombus
- D) square

7. Which of these is the correct word for the definition “a quadrilateral with at exactly one pair of parallel sides?”

A) parallelogram

B) rectangle

C) square

D) trapezoid

8. Which of these is the correct word for the definition “a line that intersects a circle in exactly 2 points?”

A) chord

B) diameter

C) secant

D) tangent

9. Which of these are the correct words for the definition “a closed 3 sided figure with all 3 sides of different length?”

A) equilateral triangle

B) isosceles triangle

C) right triangle

D) scalene triangle

10. Which of these is the correct word for the definition “a closed 6 sided polygon?”

A) heptagon

B) hexagon

C) octagon

D) pentagon