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Partitioning a line segment worksheet kuta

Partitioning a line segment worksheet. Partitioning a line segment worksheet with answers. Partitioning a line segment worksheet pdf. Partitioning a line segment worksheet geometry answer key.

Directions: Determine whether these statements are TRUE or FALSE after reading. Given: 1. $AP : PB = 3 : 2$ 2. $AP : AB = 2 : 5$ 3. $PB : AB = 2 : 5$ 4. $BP : PA = 2 : 3$ 5. $AB : AP = 5 : 3$ Directions: Answer these questions related to partitioning segments. 1. A line segment partitioned by a ratio of 3:4 can be thought of as having ____ congruent sections. 2. On a number line, point C is located at -4 and point D is located at 6. At what point must P be located so that the directed line segment from C to D will be partitioned in a 2:3 ratio? Choose: 3. Given with coordinates A(-4,5) and B(12,13). Find the horizontal distance and the vertical distance from A to B, stated in that order. 4. The coordinates of the endpoints of are A(-6,-5) and B(4,0). Point P is on . Determine the coordinates of point P such that AP:PB is 2:3. Choose: 5. Given a line segment from E to F. Point D lies on the segment 5/7 of EF from point E. What is the ratio ED:DF? 6. Point P partitions directed segment in the ratio of 3:4. If A(-9,-9) and B(5,-2), find the coordinates of P. Choose: 7. Given a directed segment from M to N as shown at the right. Find the coordinates of partition point P that divides the segment into a 5:2 ratio. 8. Given directed segment such that A(5,0) and B(-3,-4). Find the coordinates of point P which partitions the segment in a ratio of 3:2. 9. Given as shown at the right. Find the coordinates of partition point P that divides directed segment into a 1:3 ratio. 10. Given as shown at the right. Find the coordinates of partition point P that divides directed segment into a 3:1 ratio. Note: The re-posting of materials (in part or whole) from this site to the Internet is copyright violation and is not considered "fair use" for educators. Please read the "Terms of Use".