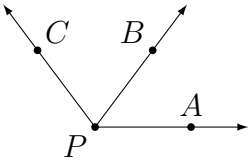
name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 1

Match the name to the definition.



(1) ☐ Perpendicular

(2) ☐ 180°

(3) ☐ Congruent Polygons

(4) ☐ Transitive Property of Congruence

(5) ☐ Bisect (segment)

(6) ☐ Angle Addition Postulate

(7) ☐ Bisect (angle)

(8) ☐ Congruent Segments or Angles

(9) ☐ Reflexive Property of Congruence

(10) ☐ Segment Addition Postulate

(A) Lines which intersect at congruent (right) angles.

(B) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(C) All their corresponding angles and sides form congruent pairs.

(D) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(E) The measure of a straight angle.

(F) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(G) $a \cong a$ (everything is congruent to itself).

(H) Have equal measures.

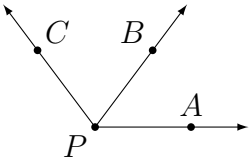
(I) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(J) If B is between A and C then $AB + BC = AC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 2

Match the name to the definition.



(1) ☐ Reflexive Property of Congruence

(2) ☐ Congruent Polygons

(3) ☐ Perpendicular

(4) ☐ Bisect (segment)

(5) ☐ Congruent Segments or Angles

(6) ☐ Angle Addition Postulate

(7) ☐ Bisect (angle)

(8) ☐ Segment Addition Postulate

(9) ☐ 180°

(10) ☐ Transitive Property of Congruence

(A) If B is between A and C then $AB + BC = AC$.

(B) Have equal measures.

(C) The measure of a straight angle.

(D) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(E) All their corresponding angles and sides form congruent pairs.

(F) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(G) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(H) If $a \cong b$ and $b \cong c$ then $a \cong c$.

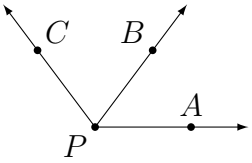
(I) Lines which intersect at congruent (right) angles.

(J) $a \cong a$ (everything is congruent to itself).

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 3

Match the name to the definition.



(1) ☐ Transitive Property of Congruence

(2) ☐ 180°

(3) ☐ Bisect (angle)

(4) ☐ Segment Addition Postulate

(5) ☐ Congruent Segments or Angles

(6) ☐ Perpendicular

(7) ☐ Angle Addition Postulate

(8) ☐ Reflexive Property of Congruence

(9) ☐ Congruent Polygons

(10) ☐ Bisect (segment)

(A) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(B) Lines which intersect at congruent (right) angles.

(C) Have equal measures.

(D) The measure of a straight angle.

(E) If B is between A and C then $AB + BC = AC$.

(F) All their corresponding angles and sides form congruent pairs.

(G) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(H) If $a \cong b$ and $b \cong c$ then $a \cong c$.

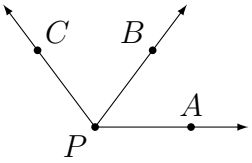
(I) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(J) $a \cong a$ (everything is congruent to itself).

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 4

Match the name to the definition.



(1) ☐ Reflexive Property of Congruence

(2) ☐ Angle Addition Postulate

(3) ☐ Bisect (segment)

(4) ☐ Perpendicular

(5) ☐ Segment Addition Postulate

(6) ☐ Congruent Segments or Angles

(7) ☐ Congruent Polygons

(8) ☐ 180°

(9) ☐ Transitive Property of Congruence

(10) ☐ Bisect (angle)

(A) The measure of a straight angle.

(B) $a \cong a$ (everything is congruent to itself).

(C) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(D) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(E) Have equal measures.

(F) If B is between A and C then $AB + BC = AC$.

(G) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(H) Lines which intersect at congruent (right) angles.

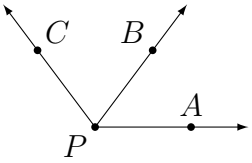
(I) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(J) All their corresponding angles and sides form congruent pairs.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 5

Match the name to the definition.



(1) ☐ Transitive Property of Congruence

(2) ☐ Bisect (segment)

(3) ☐ 180°

(4) ☐ Reflexive Property of Congruence

(5) ☐ Congruent Segments or Angles

(6) ☐ Angle Addition Postulate

(7) ☐ Perpendicular

(8) ☐ Congruent Polygons

(9) ☐ Segment Addition Postulate

(10) ☐ Bisect (angle)

(A) All their corresponding angles and sides form congruent pairs.

(B) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(C) $a \cong a$ (everything is congruent to itself).

(D) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(E) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(F) Have equal measures.

(G) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(H) If B is between A and C then $AB + BC = AC$.

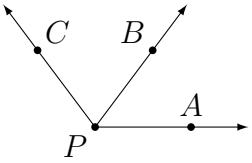
(I) The measure of a straight angle.

(J) Lines which intersect at congruent (right) angles.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 6

Match the name to the definition.



(1) ☐ 180°

(2) ☐ Perpendicular

(3) ☐ Transitive Property of Congruence

(4) ☐ Reflexive Property of Congruence

(5) ☐ Angle Addition Postulate

(6) ☐ Congruent Polygons

(7) ☐ Segment Addition Postulate

(8) ☐ Congruent Segments or Angles

(9) ☐ Bisect (angle)

(10) ☐ Bisect (segment)

(A) Lines which intersect at congruent (right) angles.

(B) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(C) All their corresponding angles and sides form congruent pairs.

(D) $a \cong a$ (everything is congruent to itself).

(E) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(F) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(G) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(H) If B is between A and C then $AB + BC = AC$.

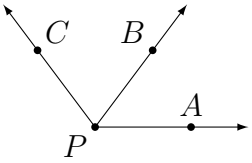
(I) Have equal measures.

(J) The measure of a straight angle.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 7

Match the name to the definition.



(1) ☐ Congruent Polygons

(2) ☐ 180°

(3) ☐ Angle Addition Postulate

(4) ☐ Reflexive Property of Congruence

(5) ☐ Segment Addition Postulate

(6) ☐ Congruent Segments or Angles

(7) ☐ Perpendicular

(8) ☐ Bisect (segment)

(9) ☐ Transitive Property of Congruence

(10) ☐ Bisect (angle)

(A) All their corresponding angles and sides form congruent pairs.

(B) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(C) If B is between A and C then $AB + BC = AC$.

(D) The measure of a straight angle.

(E) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(F) Have equal measures.

(G) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(H) Lines which intersect at congruent (right) angles.

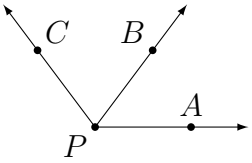
(I) $a \cong a$ (everything is congruent to itself).

(J) If $a \cong b$ and $b \cong c$ then $a \cong c$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 8

Match the name to the definition.



(1) ☐ Perpendicular

(2) ☐ Angle Addition Postulate

(3) ☐ Reflexive Property of Congruence

(4) ☐ Transitive Property of Congruence

(5) ☐ 180°

(6) ☐ Segment Addition Postulate

(7) ☐ Bisect (segment)

(8) ☐ Bisect (angle)

(9) ☐ Congruent Segments or Angles

(10) ☐ Congruent Polygons

(A) If B is between A and C then $AB + BC = AC$.

(B) $a \cong a$ (everything is congruent to itself).

(C) All their corresponding angles and sides form congruent pairs.

(D) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(E) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(F) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(G) Lines which intersect at congruent (right) angles.

(H) Have equal measures.

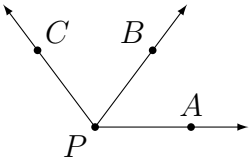
(I) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(J) The measure of a straight angle.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 9

Match the name to the definition.



(1) ☐ Congruent Segments or Angles

(2) ☐ Segment Addition Postulate

(3) ☐ 180°

(4) ☐ Angle Addition Postulate

(5) ☐ Bisect (angle)

(6) ☐ Reflexive Property of Congruence

(7) ☐ Congruent Polygons

(8) ☐ Transitive Property of Congruence

(9) ☐ Bisect (segment)

(10) ☐ Perpendicular

(A) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(B) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(C) Lines which intersect at congruent (right) angles.

(D) All their corresponding angles and sides form congruent pairs.

(E) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(F) The measure of a straight angle.

(G) $a \cong a$ (everything is congruent to itself).

(H) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

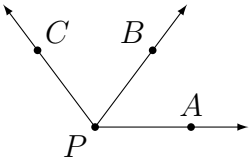
(I) Have equal measures.

(J) If B is between A and C then $AB + BC = AC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 10

Match the name to the definition.



(1) ☐ Angle Addition Postulate

(2) ☐ Congruent Polygons

(3) ☐ Bisect (segment)

(4) ☐ Reflexive Property of Congruence

(5) ☐ Perpendicular

(6) ☐ Congruent Segments or Angles

(7) ☐ 180°

(8) ☐ Transitive Property of Congruence

(9) ☐ Bisect (angle)

(10) ☐ Segment Addition Postulate

(A) If B is between A and C then $AB + BC = AC$.

(B) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(C) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(D) The measure of a straight angle.

(E) All their corresponding angles and sides form congruent pairs.

(F) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(G) Lines which intersect at congruent (right) angles.

(H) $a \cong a$ (everything is congruent to itself).

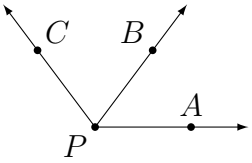
(I) Have equal measures.

(J) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 11

Match the name to the definition.



(1) ☐ Bisect (angle)

(2) ☐ Transitive Property of Congruence

(3) ☐ Reflexive Property of Congruence

(4) ☐ Congruent Polygons

(5) ☐ Congruent Segments or Angles

(6) ☐ Perpendicular

(7) ☐ Segment Addition Postulate

(8) ☐ Bisect (segment)

(9) ☐ 180°

(10) ☐ Angle Addition Postulate

(A) The measure of a straight angle.

(B) All their corresponding angles and sides form congruent pairs.

(C) Lines which intersect at congruent (right) angles.

(D) If B is between A and C then $AB + BC = AC$.

(E) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(F) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(G) Have equal measures.

(H) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

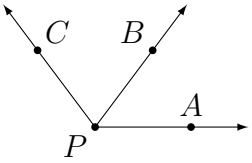
(I) $a \cong a$ (everything is congruent to itself).

(J) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 12

Match the name to the definition.



(1) ☐ Segment Addition Postulate

(2) ☐ Reflexive Property of Congruence

(3) ☐ Perpendicular

(4) ☐ Bisect (segment)

(5) ☐ Bisect (angle)

(6) ☐ Congruent Polygons

(7) ☐ Congruent Segments or Angles

(8) ☐ Angle Addition Postulate

(9) ☐ Transitive Property of Congruence

(10) ☐ $180°$

(A) Lines which intersect at congruent (right) angles.

(B) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(C) Have equal measures.

(D) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(E) If B is between A and C then $AB + BC = AC$.

(F) All their corresponding angles and sides form congruent pairs.

(G) The measure of a straight angle.

(H) $a \cong a$ (everything is congruent to itself).

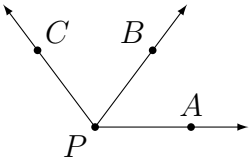
(I) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(J) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 13

Match the name to the definition.



(1) ☐ Congruent Polygons

(2) ☐ Angle Addition Postulate

(3) ☐ Perpendicular

(4) ☐ Congruent Segments or Angles

(5) ☐ 180°

(6) ☐ Reflexive Property of Congruence

(7) ☐ Transitive Property of Congruence

(8) ☐ Bisect (segment)

(9) ☐ Segment Addition Postulate

(10) ☐ Bisect (angle)

(A) Lines which intersect at congruent (right) angles.

(B) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(C) Have equal measures.

(D) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(E) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(F) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(G) All their corresponding angles and sides form congruent pairs.

(H) The measure of a straight angle.

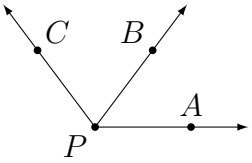
(I) If B is between A and C then $AB + BC = AC$.

(J) $a \cong a$ (everything is congruent to itself).

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 14

Match the name to the definition.



(1) ☐ 180°

(2) ☐ Reflexive Property of Congruence

(3) ☐ Congruent Segments or Angles

(4) ☐ Angle Addition Postulate

(5) ☐ Transitive Property of Congruence

(6) ☐ Bisect (angle)

(7) ☐ Congruent Polygons

(8) ☐ Perpendicular

(9) ☐ Segment Addition Postulate

(10) ☐ Bisect (segment)

(A) All their corresponding angles and sides form congruent pairs.

(B) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(C) Have equal measures.

(D) If B is between A and C then $AB + BC = AC$.

(E) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(F) Lines which intersect at congruent (right) angles.

(G) The measure of a straight angle.

(H) If $a \cong b$ and $b \cong c$ then $a \cong c$.

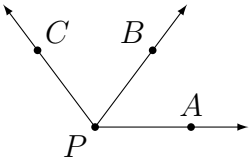
(I) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(J) $a \cong a$ (everything is congruent to itself).

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 15

Match the name to the definition.



(1) ☐ 180°

(2) ☐ Congruent Segments or Angles

(3) ☐ Segment Addition Postulate

(4) ☐ Angle Addition Postulate

(5) ☐ Congruent Polygons

(6) ☐ Transitive Property of Congruence

(7) ☐ Reflexive Property of Congruence

(8) ☐ Bisect (segment)

(9) ☐ Perpendicular

(10) ☐ Bisect (angle)

(A) Lines which intersect at congruent (right) angles.

(B) The measure of a straight angle.

(C) If B is between A and C then $AB + BC = AC$.

(D) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(E) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(F) Have equal measures.

(G) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(H) If $a \cong b$ and $b \cong c$ then $a \cong c$.

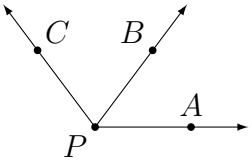
(I) All their corresponding angles and sides form congruent pairs.

(J) $a \cong a$ (everything is congruent to itself).

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 16

Match the name to the definition.



(1) ☐ Congruent Segments or Angles

(2) ☐ 180°

(3) ☐ Perpendicular

(4) ☐ Bisect (angle)

(5) ☐ Reflexive Property of Congruence

(6) ☐ Transitive Property of Congruence

(7) ☐ Congruent Polygons

(8) ☐ Segment Addition Postulate

(9) ☐ Bisect (segment)

(10) ☐ Angle Addition Postulate

(A) Have equal measures.

(B) $a \cong a$ (everything is congruent to itself).

(C) If B is between A and C then $AB + BC = AC$.

(D) Lines which intersect at congruent (right) angles.

(E) The measure of a straight angle.

(F) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(G) All their corresponding angles and sides form congruent pairs.

(H) If $a \cong b$ and $b \cong c$ then $a \cong c$.

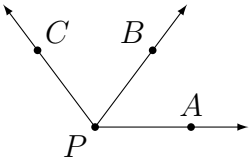
(I) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(J) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 17

Match the name to the definition.



(1) ☐ Reflexive Property of Congruence

(2) ☐ 180°

(3) ☐ Bisect (angle)

(4) ☐ Bisect (segment)

(5) ☐ Congruent Polygons

(6) ☐ Perpendicular

(7) ☐ Transitive Property of Congruence

(8) ☐ Angle Addition Postulate

(9) ☐ Congruent Segments or Angles

(10) ☐ Segment Addition Postulate

(A) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(B) Have equal measures.

(C) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(D) If B is between A and C then $AB + BC = AC$.

(E) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(F) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(G) The measure of a straight angle.

(H) Lines which intersect at congruent (right) angles.

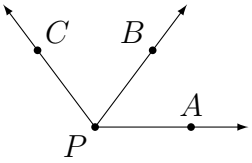
(I) $a \cong a$ (everything is congruent to itself).

(J) All their corresponding angles and sides form congruent pairs.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 18

Match the name to the definition.



(1) ☐ Angle Addition Postulate

(2) ☐ Bisect (angle)

(3) ☐ Transitive Property of Congruence

(4) ☐ Bisect (segment)

(5) ☐ Segment Addition Postulate

(6) ☐ Reflexive Property of Congruence

(7) ☐ Perpendicular

(8) ☐ 180°

(9) ☐ Congruent Polygons

(10) ☐ Congruent Segments or Angles

(A) All their corresponding angles and sides form congruent pairs.

(B) If B is between A and C then $AB + BC = AC$.

(C) $a \cong a$ (everything is congruent to itself).

(D) The measure of a straight angle.

(E) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(F) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(G) Lines which intersect at congruent (right) angles.

(H) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

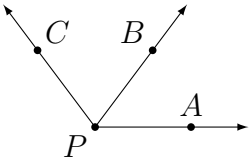
(I) Have equal measures.

(J) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 19

Match the name to the definition.



(1) ☐ Segment Addition Postulate

(2) ☐ $180°$

(3) ☐ Bisect (angle)

(4) ☐ Bisect (segment)

(5) ☐ Congruent Polygons

(6) ☐ Reflexive Property of Congruence

(7) ☐ Angle Addition Postulate

(8) ☐ Congruent Segments or Angles

(9) ☐ Transitive Property of Congruence

(10) ☐ Perpendicular

(A) Have equal measures.

(B) $a \cong a$ (everything is congruent to itself).

(C) The measure of a straight angle.

(D) If B is between A and C then $AB + BC = AC$.

(E) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(F) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(G) All their corresponding angles and sides form congruent pairs.

(H) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

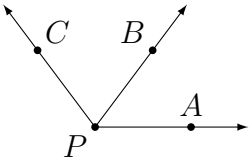
(I) Lines which intersect at congruent (right) angles.

(J) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 20

Match the name to the definition.



(1) ☐ Congruent Segments or Angles

(2) ☐ Segment Addition Postulate

(3) ☐ Angle Addition Postulate

(4) ☐ Bisect (segment)

(5) ☐ 180°

(6) ☐ Transitive Property of Congruence

(7) ☐ Perpendicular

(8) ☐ Reflexive Property of Congruence

(9) ☐ Congruent Polygons

(10) ☐ Bisect (angle)

(A) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(B) All their corresponding angles and sides form congruent pairs.

(C) Lines which intersect at congruent (right) angles.

(D) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(E) If B is between A and C then $AB + BC = AC$.

(F) Have equal measures.

(G) The measure of a straight angle.

(H) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

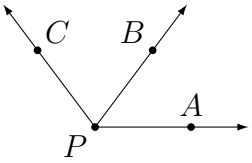
(I) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(J) $a \cong a$ (everything is congruent to itself).

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 21

Match the name to the definition.



(1) ☐ 180°

(2) ☐ Transitive Property of Congruence

(3) ☐ Segment Addition Postulate

(4) ☐ Bisect (angle)

(5) ☐ Reflexive Property of Congruence

(6) ☐ Bisect (segment)

(7) ☐ Congruent Segments or Angles

(8) ☐ Angle Addition Postulate

(9) ☐ Perpendicular

(10) ☐ Congruent Polygons

(A) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(B) All their corresponding angles and sides form congruent pairs.

(C) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(D) Lines which intersect at congruent (right) angles.

(E) Have equal measures.

(F) The measure of a straight angle.

(G) If B is between A and C then $AB + BC = AC$.

(H) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

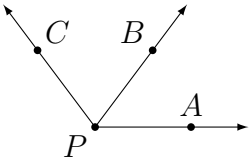
(I) $a \cong a$ (everything is congruent to itself).

(J) If $a \cong b$ and $b \cong c$ then $a \cong c$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 22

Match the name to the definition.



(1) ☐ Congruent Segments or Angles

(2) ☐ Reflexive Property of Congruence

(3) ☐ Congruent Polygons

(4) ☐ Bisect (segment)

(5) ☐ 180°

(6) ☐ Perpendicular

(7) ☐ Transitive Property of Congruence

(8) ☐ Bisect (angle)

(9) ☐ Angle Addition Postulate

(10) ☐ Segment Addition Postulate

(A) Lines which intersect at congruent (right) angles.

(B) The measure of a straight angle.

(C) Have equal measures.

(D) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(E) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(F) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(G) $a \cong a$ (everything is congruent to itself).

(H) If B is between A and C then $AB + BC = AC$.

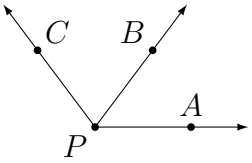
(I) All their corresponding angles and sides form congruent pairs.

(J) If $a \cong b$ and $b \cong c$ then $a \cong c$.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 23

Match the name to the definition.



(1) ☐ Segment Addition Postulate

(2) ☐ Bisect (segment)

(3) ☐ 180°

(4) ☐ Bisect (angle)

(5) ☐ Angle Addition Postulate

(6) ☐ Congruent Polygons

(7) ☐ Congruent Segments or Angles

(8) ☐ Perpendicular

(9) ☐ Reflexive Property of Congruence

(10) ☐ Transitive Property of Congruence

(A) $a \cong a$ (everything is congruent to itself).

(B) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(C) Lines which intersect at congruent (right) angles.

(D) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(E) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(F) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(G) All their corresponding angles and sides form congruent pairs.

(H) If B is between A and C then $AB + BC = AC$.

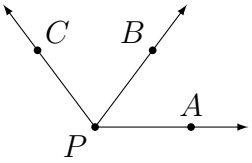
(I) Have equal measures.

(J) The measure of a straight angle.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 24

Match the name to the definition.



(1) ☐ Transitive Property of Congruence

(2) ☐ Bisect (segment)

(3) ☐ Congruent Segments or Angles

(4) ☐ 180°

(5) ☐ Reflexive Property of Congruence

(6) ☐ Angle Addition Postulate

(7) ☐ Perpendicular

(8) ☐ Bisect (angle)

(9) ☐ Segment Addition Postulate

(10) ☐ Congruent Polygons

(A) $a \cong a$ (everything is congruent to itself).

(B) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(C) The measure of a straight angle.

(D) Have equal measures.

(E) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(F) If B is between A and C then $AB + BC = AC$.

(G) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(H) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

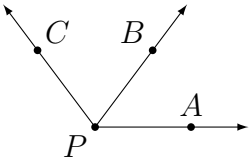
(I) All their corresponding angles and sides form congruent pairs.

(J) Lines which intersect at congruent (right) angles.

name | date | period

Batch 5069a733 # Properties, Postulates and Definitions Version 25

Match the name to the definition.



(1) ☐ Congruent Segments or Angles

(2) ☐ Angle Addition Postulate

(3) ☐ Bisect (segment)

(4) ☐ Congruent Polygons

(5) ☐ Transitive Property of Congruence

(6) ☐ 180°

(7) ☐ Reflexive Property of Congruence

(8) ☐ Bisect (angle)

(9) ☐ Perpendicular

(10) ☐ Segment Addition Postulate

(A) All their corresponding angles and sides form congruent pairs.

(B) The measure of a straight angle.

(C) $a \cong a$ (everything is congruent to itself).

(D) Have equal measures.

(E) If B is interior to $\angle APC$ then $m\angle APB + m\angle BPC = m\angle APC$.

(F) If $\overrightarrow{PB}$ bisects $\angle APC$ then $\angle APB \cong \angle BPC$.

(G) If $a \cong b$ and $b \cong c$ then $a \cong c$.

(H) If B is between A and C then $AB + BC = AC$.

(I) If B bisects $\overline{AC}$ then $\overline{AB} \cong \overline{BC}$.

(J) Lines which intersect at congruent (right) angles.

V. 1	V. 2	V. 3	V. 4	V. 5	V. 6	V. 7	V. 8	V. 9
(1) A	(1) J	(1) H	(1) B	(1) B	(1) J	(1) A	(1) G	(1) I
(2) E	(2) E	(2) D	(2) C	(2) G	(2) A	(2) D	(2) F	(2) J
(3) C	(3) I	(3) I	(3) D	(3) I	(3) G	(3) B	(3) B	(3) F
(4) B	(4) D	(4) E	(4) H	(4) C	(4) D	(4) I	(4) I	(4) E
(5) I	(5) B	(5) C	(5) F	(5) F	(5) B	(5) C	(5) J	(5) B
(6) D	(6) F	(6) B	(6) E	(6) D	(6) C	(6) F	(6) A	(6) G
(7) F	(7) G	(7) G	(7) J	(7) J	(7) H	(7) H	(7) E	(7) D
(8) H	(8) A	(8) J	(8) A	(8) A	(8) I	(8) G	(8) D	(8) A
(9) G	(9) C	(9) F	(9) G	(9) H	(9) F	(9) J	(9) H	(9) H
(10) J	(10) H	(10) A	(10) I	(10) E	(10) E	(10) E	(10) C	(10) C

V. 10	V. 11	V. 12	V. 13	V. 14	V. 15	V. 16	V. 17	V. 18
(1) J	(1) J	(1) E	(1) G	(1) G	(1) B	(1) A	(1) I	(1) H
(2) E	(2) F	(2) H	(2) E	(2) J	(2) F	(2) E	(2) G	(2) J
(3) F	(3) I	(3) A	(3) A	(3) C	(3) C	(3) D	(3) F	(3) F
(4) H	(4) B	(4) D	(4) C	(4) E	(4) E	(4) I	(4) C	(4) E
(5) G	(5) G	(5) J	(5) H	(5) H	(5) I	(5) B	(5) J	(5) B
(6) I	(6) C	(6) F	(6) J	(6) B	(6) H	(6) H	(6) H	(6) C
(7) D	(7) D	(7) C	(7) D	(7) A	(7) J	(7) G	(7) E	(7) G
(8) B	(8) H	(8) I	(8) B	(8) F	(8) D	(8) C	(8) A	(8) D
(9) C	(9) A	(9) B	(9) I	(9) D	(9) A	(9) F	(9) B	(9) A
(10) A	(10) E	(10) G	(10) F	(10) I	(10) G	(10) J	(10) D	(10) I

V. 19	V. 20	V. 21	V. 22	V. 23	V. 24	V. 25
(1) D	(1) F	(1) F	(1) C	(1) H	(1) G	(1) D
(2) C	(2) E	(2) J	(2) G	(2) D	(2) E	(2) E
(3) H	(3) A	(3) G	(3) I	(3) J	(3) D	(3) I
(4) J	(4) I	(4) A	(4) D	(4) E	(4) C	(4) A
(5) G	(5) G	(5) I	(5) B	(5) F	(5) A	(5) G
(6) B	(6) D	(6) H	(6) A	(6) G	(6) B	(6) B
(7) F	(7) C	(7) E	(7) J	(7) I	(7) J	(7) C
(8) A	(8) J	(8) C	(8) E	(8) C	(8) H	(8) F
(9) E	(9) B	(9) D	(9) F	(9) A	(9) F	(9) J
(10) I	(10) H	(10) B	(10) H	(10) B	(10) I	(10) H