

name

date

period

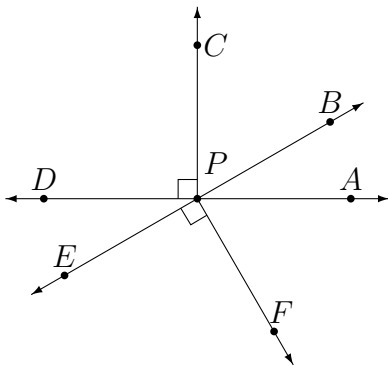
Batch 50630fe4

All the Angles

Version 1

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | Straight Angle | (A) $\angle APE$ |
| (2) <input type="checkbox"/> | Right Angle | (B) \vec{BC} |
| (3) <input type="checkbox"/> | Acute Angle | (C) P |
| (4) <input type="checkbox"/> | Vertex of $\angle BPC$ | (D) B |
| (5) <input type="checkbox"/> | Obtuse Angle | (E) C |
| (6) <input type="checkbox"/> | One Side of $\angle BPC$ | (F) $\angle BPF$ |
| | | (G) \vec{PB} |
| | | (H) $\angle BPC$ |
| | | (I) $\angle BPE$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Congruent* | (A) $\angle APE$ and $\angle BPD$ |
| (8) <input type="checkbox"/> | Linear Pair | (B) $\angle APF$ and $\angle EPF$ |
| (9) <input type="checkbox"/> | Complementary | (C) $\angle APB$ and $\angle BPC$ |
| (10) <input type="checkbox"/> | Vertical Pair | (D) $\angle APC$ and $\angle BPF$ |
| (11) <input type="checkbox"/> | Adjacent* | (E) $\angle APF$ and $\angle DPF$ |
| (12) <input type="checkbox"/> | Supplementary* | (F) $\angle CPE$ and $\angle DPF$ |

* but does not satisfy any of the other relationships.

name

date

period

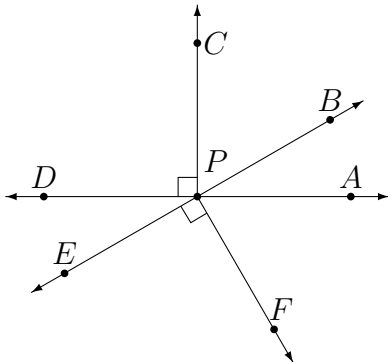
Batch 50630fe4

All the Angles

Version 2

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Acute Angle | (A) \overrightarrow{BC} |
| (2) <input type="checkbox"/> | Right Angle | (B) \overrightarrow{PC} |
| (3) <input type="checkbox"/> | Vertex of $\angle BPC$ | (C) B |
| (4) <input type="checkbox"/> | One Side of $\angle BPC$ | (D) P |
| (5) <input type="checkbox"/> | Straight Angle | (E) $\angle APC$ |
| (6) <input type="checkbox"/> | Obtuse Angle | (F) $\angle APD$ |
| | | (G) $\angle DPE$ |
| | | (H) C |
| | | (I) $\angle APE$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Linear Pair | (A) $\angle APB$ and $\angle APF$ |
| (8) <input type="checkbox"/> | Vertical Pair | (B) $\angle APB$ and $\angle APE$ |
| (9) <input type="checkbox"/> | Congruent* | (C) $\angle BPC$ and $\angle CPD$ |
| (10) <input type="checkbox"/> | Supplementary* | (D) $\angle APF$ and $\angle BPC$ |
| (11) <input type="checkbox"/> | Adjacent* | (E) $\angle APB$ and $\angle DPE$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APC$ and $\angle BPF$ |

* but does not satisfy any of the other relationships.

name

date

period

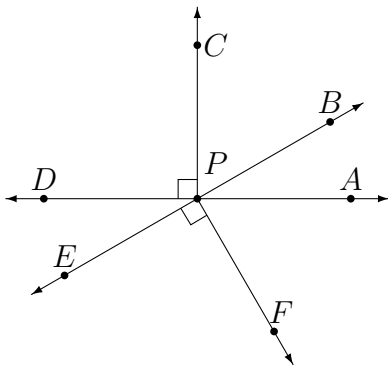
Batch 50630fe4

All the Angles

Version 3

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Vertex of $\angle BPC$ | (A) C |
| (2) <input type="checkbox"/> | Obtuse Angle | (B) B |
| (3) <input type="checkbox"/> | Straight Angle | (C) $\angle EPF$ |
| (4) <input type="checkbox"/> | Right Angle | (D) \overrightarrow{BC} |
| (5) <input type="checkbox"/> | Acute Angle | (E) \overrightarrow{PB} |
| (6) <input type="checkbox"/> | One Side of $\angle BPC$ | (F) $\angle BPE$ |
| | | (G) $\angle BPD$ |
| | | (H) P |
| | | (I) $\angle APB$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Linear Pair | (A) $\angle APB$ and $\angle DPE$ |
| (8) <input type="checkbox"/> | Vertical Pair | (B) $\angle BPF$ and $\angle CPD$ |
| (9) <input type="checkbox"/> | Congruent* | (C) $\angle APC$ and $\angle APF$ |
| (10) <input type="checkbox"/> | Adjacent* | (D) $\angle APF$ and $\angle BPC$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle BPF$ and $\angle EPF$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APB$ and $\angle APF$ |

* but does not satisfy any of the other relationships.

name

date

period

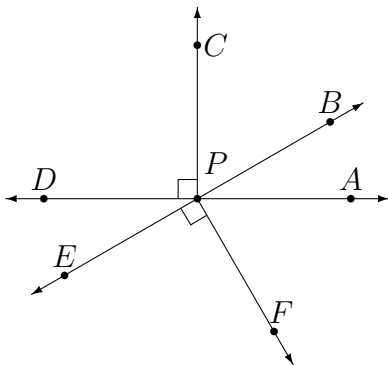
Batch 50630fe4

All the Angles

Version 4

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | Obtuse Angle | (A) B |
| (2) <input type="checkbox"/> | Acute Angle | (B) \vec{PB} |
| (3) <input type="checkbox"/> | Vertex of $\angle BPC$ | (C) $\angle APE$ |
| (4) <input type="checkbox"/> | Straight Angle | (D) P |
| (5) <input type="checkbox"/> | Right Angle | (E) $\angle APC$ |
| (6) <input type="checkbox"/> | One Side of $\angle BPC$ | (F) C |
| | | (G) \vec{BC} |
| | | (H) $\angle APB$ |
| | | (I) $\angle APD$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Complementary | (A) $\angle APB$ and $\angle APF$ |
| (8) <input type="checkbox"/> | Congruent* | (B) $\angle CPD$ and $\angle EPF$ |
| (9) <input type="checkbox"/> | Supplementary* | (C) $\angle CPE$ and $\angle DPF$ |
| (10) <input type="checkbox"/> | Adjacent* | (D) $\angle APE$ and $\angle BPD$ |
| (11) <input type="checkbox"/> | Vertical Pair | (E) $\angle APC$ and $\angle CPD$ |
| (12) <input type="checkbox"/> | Linear Pair | (F) $\angle BPC$ and $\angle BPF$ |

* but does not satisfy any of the other relationships.

name

date

period

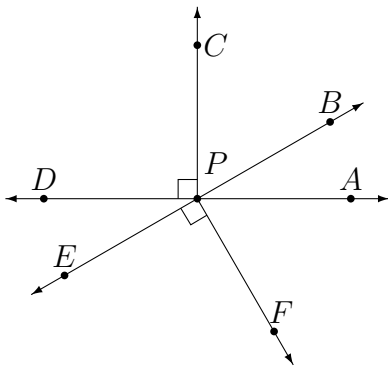
Batch 50630fe4

All the Angles

Version 5

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | One Side of $\angle DPF$ | (A) $\angle APD$ |
| (2) <input type="checkbox"/> | Right Angle | (B) P |
| (3) <input type="checkbox"/> | Straight Angle | (C) $\angle APB$ |
| (4) <input type="checkbox"/> | Acute Angle | (D) \vec{DF} |
| (5) <input type="checkbox"/> | Obtuse Angle | (E) $\angle APC$ |
| (6) <input type="checkbox"/> | Vertex of $\angle DPF$ | (F) F |
| | | (G) D |
| | | (H) $\angle BPD$ |
| | | (I) \vec{PD} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Complementary | (A) $\angle BPF$ and $\angle EPF$ |
| (8) <input type="checkbox"/> | Supplementary* | (B) $\angle APB$ and $\angle APF$ |
| (9) <input type="checkbox"/> | Congruent* | (C) $\angle BPC$ and $\angle BPF$ |
| (10) <input type="checkbox"/> | Vertical Pair | (D) $\angle APF$ and $\angle BPC$ |
| (11) <input type="checkbox"/> | Linear Pair | (E) $\angle APC$ and $\angle EPF$ |
| (12) <input type="checkbox"/> | Adjacent* | (F) $\angle APE$ and $\angle BPD$ |

* but does not satisfy any of the other relationships.

name

date

period

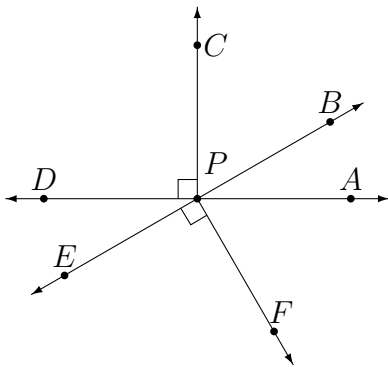
Batch 50630fe4

All the Angles

Version 6

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Obtuse Angle | (A) B |
| (2) <input type="checkbox"/> | Right Angle | (B) $\angle BPE$ |
| (3) <input type="checkbox"/> | Vertex of $\angle BPE$ | (C) $\angle BPD$ |
| (4) <input type="checkbox"/> | Straight Angle | (D) \overrightarrow{BE} |
| (5) <input type="checkbox"/> | Acute Angle | (E) E |
| (6) <input type="checkbox"/> | One Side of $\angle BPE$ | (F) P |
| | | (G) \overrightarrow{PE} |
| | | (H) $\angle DPE$ |
| | | (I) $\angle EPF$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Congruent* | (A) $\angle APB$ and $\angle BPC$ |
| (8) <input type="checkbox"/> | Linear Pair | (B) $\angle APC$ and $\angle BPF$ |
| (9) <input type="checkbox"/> | Adjacent* | (C) $\angle APF$ and $\angle BPC$ |
| (10) <input type="checkbox"/> | Vertical Pair | (D) $\angle BPC$ and $\angle BPF$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle APB$ and $\angle DPE$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APB$ and $\angle BPD$ |

* but does not satisfy any of the other relationships.

name

date

period

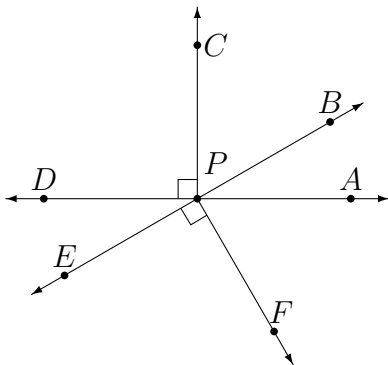
Batch 50630fe4

All the Angles

Version 7

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Vertex of $\angle BPC$ | (A) $\angle EPF$ |
| (2) <input type="checkbox"/> | Acute Angle | (B) B |
| (3) <input type="checkbox"/> | Right Angle | (C) \overrightarrow{BC} |
| (4) <input type="checkbox"/> | One Side of $\angle BPC$ | (D) $\angle APE$ |
| (5) <input type="checkbox"/> | Straight Angle | (E) P |
| (6) <input type="checkbox"/> | Obtuse Angle | (F) $\angle APD$ |
| | | (G) C |
| | | (H) $\angle BPC$ |
| | | (I) \overrightarrow{PC} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Linear Pair | (A) $\angle CPE$ and $\angle DPF$ |
| (8) <input type="checkbox"/> | Congruent* | (B) $\angle BPC$ and $\angle CPE$ |
| (9) <input type="checkbox"/> | Adjacent* | (C) $\angle APB$ and $\angle DPE$ |
| (10) <input type="checkbox"/> | Complementary | (D) $\angle CPD$ and $\angle EPF$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle BPC$ and $\angle BPF$ |
| (12) <input type="checkbox"/> | Vertical Pair | (F) $\angle APB$ and $\angle APF$ |

* but does not satisfy any of the other relationships.

name

date

period

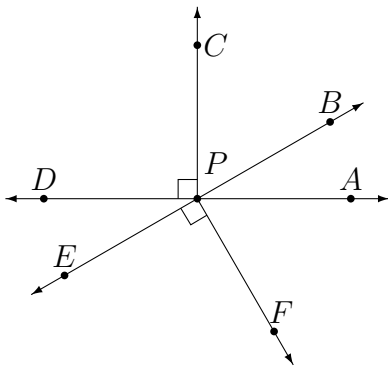
Batch 50630fe4

All the Angles

Version 8

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | One Side of $\angle DPF$ | (A) $\angle DPE$ |
| (2) <input type="checkbox"/> | Acute Angle | (B) D |
| (3) <input type="checkbox"/> | Straight Angle | (C) P |
| (4) <input type="checkbox"/> | Obtuse Angle | (D) \overrightarrow{PD} |
| (5) <input type="checkbox"/> | Vertex of $\angle DPF$ | (E) $\angle BPE$ |
| (6) <input type="checkbox"/> | Right Angle | (F) $\angle APE$ |
| | | (G) \overrightarrow{DF} |
| | | (H) F |
| | | (I) $\angle APC$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Complementary | (A) $\angle APB$ and $\angle APF$ |
| (8) <input type="checkbox"/> | Linear Pair | (B) $\angle APE$ and $\angle BPD$ |
| (9) <input type="checkbox"/> | Vertical Pair | (C) $\angle APC$ and $\angle BPF$ |
| (10) <input type="checkbox"/> | Adjacent* | (D) $\angle BPD$ and $\angle DPE$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle CPE$ and $\angle DPF$ |
| (12) <input type="checkbox"/> | Congruent* | (F) $\angle BPC$ and $\angle BPF$ |

* but does not satisfy any of the other relationships.

name

date

period

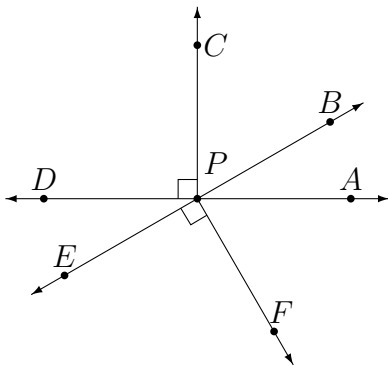
Batch 50630fe4

All the Angles

Version 9

Match name to example from diagram.

- | | |
|---|---------------------------|
| (1) <input type="checkbox"/> Right Angle | (A) $\angle BPD$ |
| (2) <input type="checkbox"/> Acute Angle | (B) $\angle EPF$ |
| (3) <input type="checkbox"/> One Side of $\angle APF$ | (C) $\angle BPC$ |
| (4) <input type="checkbox"/> Straight Angle | (D) $\angle BPE$ |
| (5) <input type="checkbox"/> Vertex of $\angle APF$ | (E) \overrightarrow{PA} |
| (6) <input type="checkbox"/> Obtuse Angle | (F) A |
| | (G) \overrightarrow{AF} |
| | (H) F |
| | (I) P |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | |
|---|-----------------------------------|
| (7) <input type="checkbox"/> Complementary | (A) $\angle APB$ and $\angle DPE$ |
| (8) <input type="checkbox"/> Supplementary* | (B) $\angle CPE$ and $\angle DPF$ |
| (9) <input type="checkbox"/> Linear Pair | (C) $\angle APB$ and $\angle APF$ |
| (10) <input type="checkbox"/> Adjacent* | (D) $\angle BPC$ and $\angle CPE$ |
| (11) <input type="checkbox"/> Vertical Pair | (E) $\angle BPC$ and $\angle BPF$ |
| (12) <input type="checkbox"/> Congruent* | (F) $\angle BPF$ and $\angle CPD$ |

* but does not satisfy any of the other relationships.

name

date

period

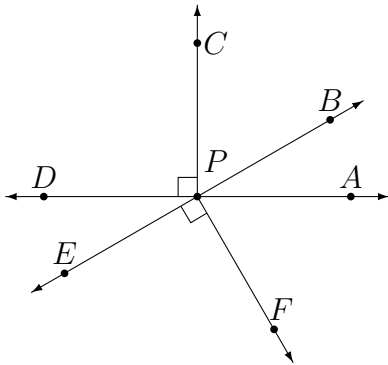
Batch 50630fe4

All the Angles

Version 10

Match name to example from diagram.

- | | |
|---|---------------------------|
| (1) <input type="checkbox"/> Straight Angle | (A) \overrightarrow{BC} |
| (2) <input type="checkbox"/> One Side of $\angle BPC$ | (B) P |
| (3) <input type="checkbox"/> Vertex of $\angle BPC$ | (C) \overrightarrow{PB} |
| (4) <input type="checkbox"/> Obtuse Angle | (D) $\angle BPD$ |
| (5) <input type="checkbox"/> Acute Angle | (E) $\angle EPF$ |
| (6) <input type="checkbox"/> Right Angle | (F) C |
| | (G) $\angle APF$ |
| | (H) $\angle APD$ |
| | (I) B |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | |
|--|-----------------------------------|
| (7) <input type="checkbox"/> Vertical Pair | (A) $\angle CPE$ and $\angle DPF$ |
| (8) <input type="checkbox"/> Congruent* | (B) $\angle APB$ and $\angle DPE$ |
| (9) <input type="checkbox"/> Linear Pair | (C) $\angle APC$ and $\angle APF$ |
| (10) <input type="checkbox"/> Complementary | (D) $\angle APC$ and $\angle BPF$ |
| (11) <input type="checkbox"/> Supplementary* | (E) $\angle BPF$ and $\angle EPF$ |
| (12) <input type="checkbox"/> Adjacent* | (F) $\angle APB$ and $\angle BPC$ |

* but does not satisfy any of the other relationships.

name

date

period

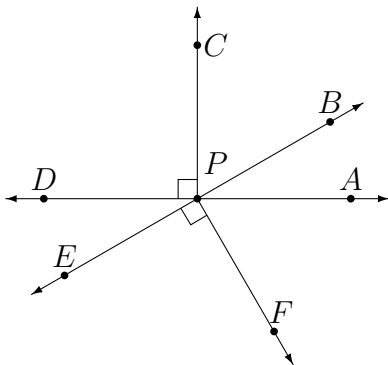
Batch 50630fe4

All the Angles

Version 11

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | Acute Angle | (A) $\angle APD$ |
| (2) <input type="checkbox"/> | Obtuse Angle | (B) \vec{PE} |
| (3) <input type="checkbox"/> | Straight Angle | (C) $\angle APB$ |
| (4) <input type="checkbox"/> | One Side of $\angle CPE$ | (D) $\angle APE$ |
| (5) <input type="checkbox"/> | Right Angle | (E) P |
| (6) <input type="checkbox"/> | Vertex of $\angle CPE$ | (F) \vec{CE} |
| | | (G) C |
| | | (H) E |
| | | (I) $\angle EPF$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Congruent* | (A) $\angle APB$ and $\angle BPC$ |
| (8) <input type="checkbox"/> | Adjacent* | (B) $\angle APB$ and $\angle DPE$ |
| (9) <input type="checkbox"/> | Complementary | (C) $\angle APC$ and $\angle EPF$ |
| (10) <input type="checkbox"/> | Vertical Pair | (D) $\angle BPC$ and $\angle BPF$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle APE$ and $\angle DPE$ |
| (12) <input type="checkbox"/> | Linear Pair | (F) $\angle APF$ and $\angle BPC$ |

* but does not satisfy any of the other relationships.

name

date

period

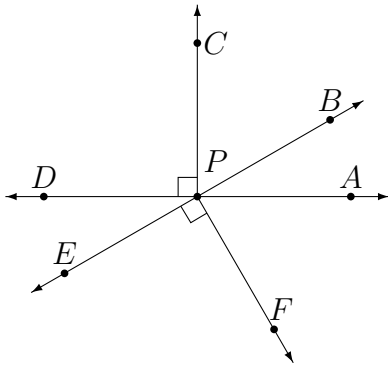
Batch 50630fe4

All the Angles

Version 12

Match name to example from diagram.

- | | |
|---|------------------|
| (1) <input type="checkbox"/> One Side of $\angle APF$ | (A) \vec{AF} |
| (2) <input type="checkbox"/> Obtuse Angle | (B) $\angle BPE$ |
| (3) <input type="checkbox"/> Straight Angle | (C) $\angle BPF$ |
| (4) <input type="checkbox"/> Right Angle | (D) P |
| (5) <input type="checkbox"/> Vertex of $\angle APF$ | (E) F |
| (6) <input type="checkbox"/> Acute Angle | (F) $\angle APB$ |
| | (G) A |
| | (H) $\angle BPD$ |
| | (I) \vec{PF} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | |
|---|-----------------------------------|
| (7) <input type="checkbox"/> Congruent* | (A) $\angle APF$ and $\angle DPF$ |
| (8) <input type="checkbox"/> Supplementary* | (B) $\angle APF$ and $\angle EPF$ |
| (9) <input type="checkbox"/> Adjacent* | (C) $\angle APB$ and $\angle BPC$ |
| (10) <input type="checkbox"/> Complementary | (D) $\angle APB$ and $\angle DPE$ |
| (11) <input type="checkbox"/> Vertical Pair | (E) $\angle BPF$ and $\angle CPD$ |
| (12) <input type="checkbox"/> Linear Pair | (F) $\angle CPE$ and $\angle DPF$ |

* but does not satisfy any of the other relationships.

name

date

period

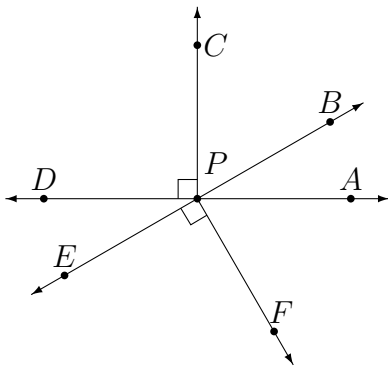
Batch 50630fe4

All the Angles

Version 13

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | One Side of $\angle APD$ | (A) $\angle BPD$ |
| (2) <input type="checkbox"/> | Acute Angle | (B) \vec{AD} |
| (3) <input type="checkbox"/> | Vertex of $\angle APD$ | (C) $\angle CPD$ |
| (4) <input type="checkbox"/> | Obtuse Angle | (D) D |
| (5) <input type="checkbox"/> | Straight Angle | (E) P |
| (6) <input type="checkbox"/> | Right Angle | (F) $\angle APB$ |
| | | (G) A |
| | | (H) \vec{PA} |
| | | (I) $\angle BPE$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Complementary | (A) $\angle CPD$ and $\angle EPF$ |
| (8) <input type="checkbox"/> | Vertical Pair | (B) $\angle BPC$ and $\angle CPE$ |
| (9) <input type="checkbox"/> | Linear Pair | (C) $\angle APF$ and $\angle BPC$ |
| (10) <input type="checkbox"/> | Supplementary* | (D) $\angle APB$ and $\angle BPC$ |
| (11) <input type="checkbox"/> | Congruent* | (E) $\angle BPC$ and $\angle CPD$ |
| (12) <input type="checkbox"/> | Adjacent* | (F) $\angle APE$ and $\angle BPD$ |

* but does not satisfy any of the other relationships.

name

date

period

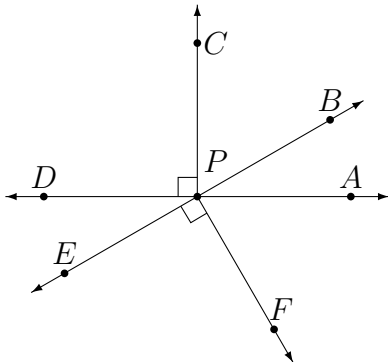
Batch 50630fe4

All the Angles

Version 14

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Obtuse Angle | (A) \overrightarrow{BF} |
| (2) <input type="checkbox"/> | Straight Angle | (B) B |
| (3) <input type="checkbox"/> | One Side of $\angle BPF$ | (C) F |
| (4) <input type="checkbox"/> | Vertex of $\angle BPF$ | (D) P |
| (5) <input type="checkbox"/> | Acute Angle | (E) $\angle DPE$ |
| (6) <input type="checkbox"/> | Right Angle | (F) $\angle BPE$ |
| | | (G) $\angle APC$ |
| | | (H) $\angle BPD$ |
| | | (I) \overrightarrow{PB} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Complementary | (A) $\angle BPF$ and $\angle CPD$ |
| (8) <input type="checkbox"/> | Supplementary* | (B) $\angle APB$ and $\angle APF$ |
| (9) <input type="checkbox"/> | Vertical Pair | (C) $\angle CPE$ and $\angle DPF$ |
| (10) <input type="checkbox"/> | Adjacent* | (D) $\angle BPC$ and $\angle CPE$ |
| (11) <input type="checkbox"/> | Linear Pair | (E) $\angle APE$ and $\angle BPD$ |
| (12) <input type="checkbox"/> | Congruent* | (F) $\angle APC$ and $\angle APF$ |

* but does not satisfy any of the other relationships.

name

date

period

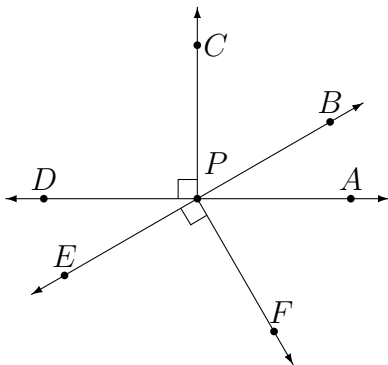
Batch 50630fe4

All the Angles

Version 15

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | Straight Angle | (A) $\angle DPE$ |
| (2) <input type="checkbox"/> | Obtuse Angle | (B) \vec{PA} |
| (3) <input type="checkbox"/> | Right Angle | (C) $\angle APD$ |
| (4) <input type="checkbox"/> | Vertex of $\angle APD$ | (D) P |
| (5) <input type="checkbox"/> | One Side of $\angle APD$ | (E) A |
| (6) <input type="checkbox"/> | Acute Angle | (F) $\angle APC$ |
| | | (G) \vec{AD} |
| | | (H) $\angle APE$ |
| | | (I) D |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Supplementary* | (A) $\angle CPE$ and $\angle DPF$ |
| (8) <input type="checkbox"/> | Vertical Pair | (B) $\angle APC$ and $\angle EPF$ |
| (9) <input type="checkbox"/> | Linear Pair | (C) $\angle BPC$ and $\angle BPF$ |
| (10) <input type="checkbox"/> | Adjacent* | (D) $\angle APE$ and $\angle DPE$ |
| (11) <input type="checkbox"/> | Complementary | (E) $\angle APB$ and $\angle APF$ |
| (12) <input type="checkbox"/> | Congruent* | (F) $\angle APE$ and $\angle BPD$ |

* but does not satisfy any of the other relationships.

name

date

period

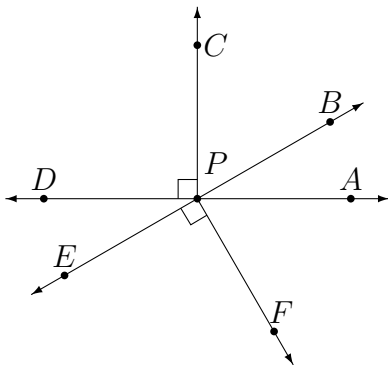
Batch 50630fe4

All the Angles

Version 16

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Straight Angle | (A) A |
| (2) <input type="checkbox"/> | Acute Angle | (B) $\angle BPE$ |
| (3) <input type="checkbox"/> | One Side of $\angle APF$ | (C) P |
| (4) <input type="checkbox"/> | Right Angle | (D) $\angle APC$ |
| (5) <input type="checkbox"/> | Vertex of $\angle APF$ | (E) F |
| (6) <input type="checkbox"/> | Obtuse Angle | (F) \overrightarrow{PA} |
| | | (G) \overrightarrow{AF} |
| | | (H) $\angle APF$ |
| | | (I) $\angle BPD$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Adjacent* | (A) $\angle APC$ and $\angle BPF$ |
| (8) <input type="checkbox"/> | Congruent* | (B) $\angle APB$ and $\angle BPC$ |
| (9) <input type="checkbox"/> | Vertical Pair | (C) $\angle APF$ and $\angle BPC$ |
| (10) <input type="checkbox"/> | Linear Pair | (D) $\angle APF$ and $\angle EPF$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle APF$ and $\angle DPF$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APB$ and $\angle DPE$ |

* but does not satisfy any of the other relationships.

name

date

period

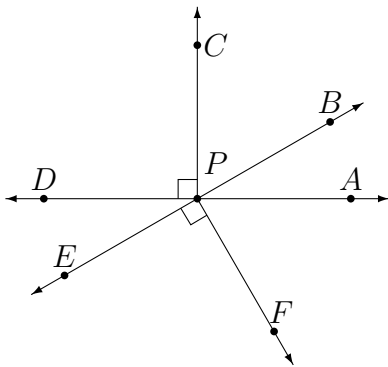
Batch 50630fe4

All the Angles

Version 17

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | One Side of $\angle APF$ | (A) $\angle BPD$ |
| (2) <input type="checkbox"/> | Vertex of $\angle APF$ | (B) $\angle BPE$ |
| (3) <input type="checkbox"/> | Straight Angle | (C) $\angle CPD$ |
| (4) <input type="checkbox"/> | Obtuse Angle | (D) \overrightarrow{PA} |
| (5) <input type="checkbox"/> | Right Angle | (E) F |
| (6) <input type="checkbox"/> | Acute Angle | (F) \overrightarrow{AF} |
| | | (G) A |
| | | (H) P |
| | | (I) $\angle DPE$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Adjacent* | (A) $\angle APB$ and $\angle APE$ |
| (8) <input type="checkbox"/> | Congruent* | (B) $\angle APB$ and $\angle BPC$ |
| (9) <input type="checkbox"/> | Linear Pair | (C) $\angle APF$ and $\angle BPC$ |
| (10) <input type="checkbox"/> | Complementary | (D) $\angle BPC$ and $\angle BPF$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle BPF$ and $\angle CPD$ |
| (12) <input type="checkbox"/> | Vertical Pair | (F) $\angle APE$ and $\angle BPD$ |

* but does not satisfy any of the other relationships.

name

date

period

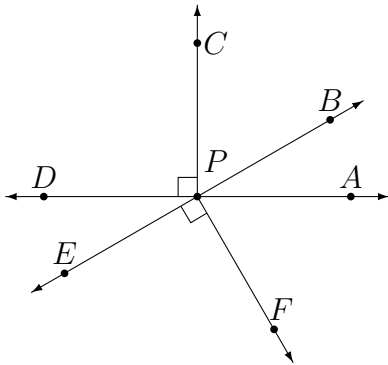
Batch 50630fe4

All the Angles

Version 18

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | Acute Angle | (A) \vec{PB} |
| (2) <input type="checkbox"/> | Straight Angle | (B) A |
| (3) <input type="checkbox"/> | Obtuse Angle | (C) B |
| (4) <input type="checkbox"/> | Right Angle | (D) $\angle CPD$ |
| (5) <input type="checkbox"/> | One Side of $\angle APB$ | (E) $\angle APD$ |
| (6) <input type="checkbox"/> | Vertex of $\angle APB$ | (F) $\angle BPD$ |
| | | (G) $\angle DPE$ |
| | | (H) \vec{AB} |
| | | (I) P |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Adjacent* | (A) $\angle APB$ and $\angle DPE$ |
| (8) <input type="checkbox"/> | Supplementary* | (B) $\angle APC$ and $\angle BPF$ |
| (9) <input type="checkbox"/> | Complementary | (C) $\angle APF$ and $\angle BPC$ |
| (10) <input type="checkbox"/> | Congruent* | (D) $\angle BPF$ and $\angle EPF$ |
| (11) <input type="checkbox"/> | Vertical Pair | (E) $\angle APB$ and $\angle APF$ |
| (12) <input type="checkbox"/> | Linear Pair | (F) $\angle APF$ and $\angle EPF$ |

* but does not satisfy any of the other relationships.

name

date

period

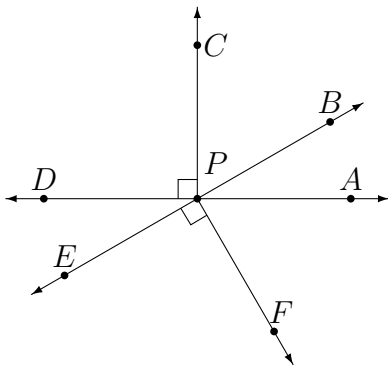
Batch 50630fe4

All the Angles

Version 19

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Vertex of $\angle BPD$ | (A) $\angle CPD$ |
| (2) <input type="checkbox"/> | Obtuse Angle | (B) $\angle BPC$ |
| (3) <input type="checkbox"/> | One Side of $\angle BPD$ | (C) \overrightarrow{PD} |
| (4) <input type="checkbox"/> | Right Angle | (D) B |
| (5) <input type="checkbox"/> | Acute Angle | (E) $\angle BPD$ |
| (6) <input type="checkbox"/> | Straight Angle | (F) P |
| | | (G) $\angle APD$ |
| | | (H) D |
| | | (I) \overrightarrow{BD} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Congruent* | (A) $\angle APF$ and $\angle DPF$ |
| (8) <input type="checkbox"/> | Complementary | (B) $\angle APF$ and $\angle EPF$ |
| (9) <input type="checkbox"/> | Linear Pair | (C) $\angle APC$ and $\angle EPF$ |
| (10) <input type="checkbox"/> | Adjacent* | (D) $\angle APB$ and $\angle DPE$ |
| (11) <input type="checkbox"/> | Supplementary* | (E) $\angle APF$ and $\angle BPC$ |
| (12) <input type="checkbox"/> | Vertical Pair | (F) $\angle APB$ and $\angle APF$ |

* but does not satisfy any of the other relationships.

name

date

period

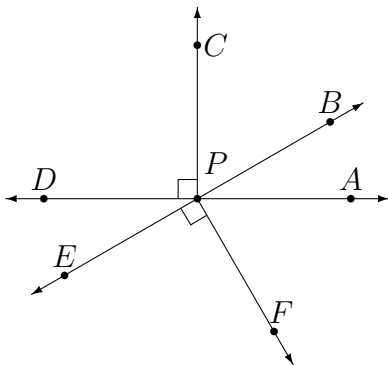
Batch 50630fe4

All the Angles

Version 20

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Acute Angle | (A) A |
| (2) <input type="checkbox"/> | Straight Angle | (B) $\angle APD$ |
| (3) <input type="checkbox"/> | One Side of $\angle APD$ | (C) $\angle DPE$ |
| (4) <input type="checkbox"/> | Obtuse Angle | (D) \overrightarrow{AD} |
| (5) <input type="checkbox"/> | Right Angle | (E) D |
| (6) <input type="checkbox"/> | Vertex of $\angle APD$ | (F) $\angle APE$ |
| | | (G) P |
| | | (H) \overrightarrow{PA} |
| | | (I) $\angle APC$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Adjacent* | (A) $\angle BPC$ and $\angle BPF$ |
| (8) <input type="checkbox"/> | Congruent* | (B) $\angle BPC$ and $\angle CPE$ |
| (9) <input type="checkbox"/> | Vertical Pair | (C) $\angle APB$ and $\angle DPE$ |
| (10) <input type="checkbox"/> | Supplementary* | (D) $\angle APB$ and $\angle APF$ |
| (11) <input type="checkbox"/> | Linear Pair | (E) $\angle APC$ and $\angle BPF$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APF$ and $\angle BPC$ |

* but does not satisfy any of the other relationships.

name

date

period

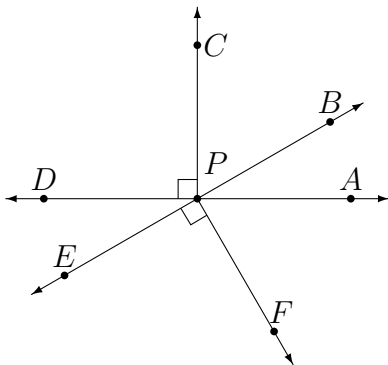
Batch 50630fe4

All the Angles

Version 21

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Obtuse Angle | (A) E |
| (2) <input type="checkbox"/> | One Side of $\angle CPE$ | (B) C |
| (3) <input type="checkbox"/> | Acute Angle | (C) $\angle BPD$ |
| (4) <input type="checkbox"/> | Vertex of $\angle CPE$ | (D) \overrightarrow{CE} |
| (5) <input type="checkbox"/> | Right Angle | (E) P |
| (6) <input type="checkbox"/> | Straight Angle | (F) $\angle APB$ |
| | | (G) $\angle BPF$ |
| | | (H) $\angle BPE$ |
| | | (I) \overrightarrow{PE} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Vertical Pair | (A) $\angle BPC$ and $\angle BPF$ |
| (8) <input type="checkbox"/> | Congruent* | (B) $\angle BPC$ and $\angle CPE$ |
| (9) <input type="checkbox"/> | Adjacent* | (C) $\angle CPD$ and $\angle EPF$ |
| (10) <input type="checkbox"/> | Supplementary* | (D) $\angle APB$ and $\angle BPC$ |
| (11) <input type="checkbox"/> | Linear Pair | (E) $\angle APF$ and $\angle BPC$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APE$ and $\angle BPD$ |

* but does not satisfy any of the other relationships.

name

date

period

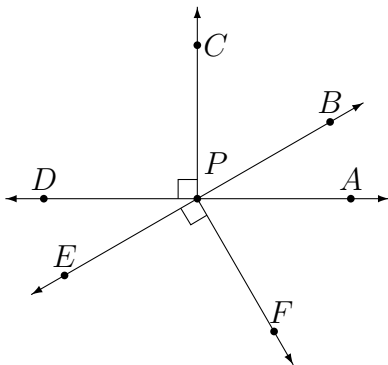
Batch 50630fe4

All the Angles

Version 22

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|------------------|
| (1) <input type="checkbox"/> | Acute Angle | (A) $\angle CPD$ |
| (2) <input type="checkbox"/> | Straight Angle | (B) \vec{PB} |
| (3) <input type="checkbox"/> | Right Angle | (C) B |
| (4) <input type="checkbox"/> | Obtuse Angle | (D) \vec{BC} |
| (5) <input type="checkbox"/> | Vertex of $\angle BPC$ | (E) P |
| (6) <input type="checkbox"/> | One Side of $\angle BPC$ | (F) $\angle APB$ |
| | | (G) $\angle BPE$ |
| | | (H) C |
| | | (I) $\angle APE$ |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Vertical Pair | (A) $\angle CPD$ and $\angle EPF$ |
| (8) <input type="checkbox"/> | Supplementary* | (B) $\angle APB$ and $\angle BPC$ |
| (9) <input type="checkbox"/> | Linear Pair | (C) $\angle BPC$ and $\angle CPD$ |
| (10) <input type="checkbox"/> | Complementary | (D) $\angle APE$ and $\angle BPD$ |
| (11) <input type="checkbox"/> | Adjacent* | (E) $\angle CPE$ and $\angle DPF$ |
| (12) <input type="checkbox"/> | Congruent* | (F) $\angle APC$ and $\angle CPD$ |

* but does not satisfy any of the other relationships.

name

date

period

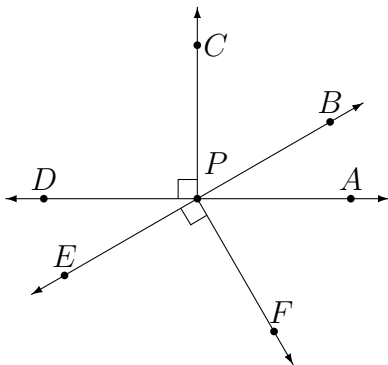
Batch 50630fe4

All the Angles

Version 23

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | Vertex of $\angle CPE$ | (A) C |
| (2) <input type="checkbox"/> | Acute Angle | (B) $\angle EPF$ |
| (3) <input type="checkbox"/> | Straight Angle | (C) \overrightarrow{CE} |
| (4) <input type="checkbox"/> | Obtuse Angle | (D) $\angle BPD$ |
| (5) <input type="checkbox"/> | Right Angle | (E) E |
| (6) <input type="checkbox"/> | One Side of $\angle CPE$ | (F) P |
| | | (G) $\angle BPE$ |
| | | (H) $\angle BPC$ |
| | | (I) \overrightarrow{PE} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Supplementary* | (A) $\angle APF$ and $\angle DPF$ |
| (8) <input type="checkbox"/> | Vertical Pair | (B) $\angle APE$ and $\angle BPD$ |
| (9) <input type="checkbox"/> | Complementary | (C) $\angle CPD$ and $\angle EPF$ |
| (10) <input type="checkbox"/> | Congruent* | (D) $\angle CPE$ and $\angle DPF$ |
| (11) <input type="checkbox"/> | Linear Pair | (E) $\angle APB$ and $\angle APF$ |
| (12) <input type="checkbox"/> | Adjacent* | (F) $\angle BPC$ and $\angle CPD$ |

* but does not satisfy any of the other relationships.

name

date

period

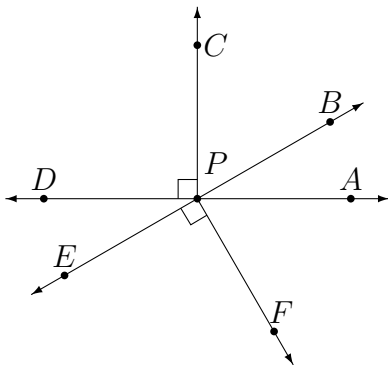
Batch 50630fe4

All the Angles

Version 24

Match name to example from diagram.

- | | |
|---|---------------------------|
| (1) <input type="checkbox"/> Right Angle | (A) $\angle DPE$ |
| (2) <input type="checkbox"/> Obtuse Angle | (B) $\angle APE$ |
| (3) <input type="checkbox"/> One Side of $\angle BPD$ | (C) B |
| (4) <input type="checkbox"/> Acute Angle | (D) $\angle APD$ |
| (5) <input type="checkbox"/> Vertex of $\angle BPD$ | (E) $\angle EPF$ |
| (6) <input type="checkbox"/> Straight Angle | (F) \overrightarrow{BD} |
| | (G) D |
| | (H) \overrightarrow{PB} |
| | (I) P |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | |
|--|-----------------------------------|
| (7) <input type="checkbox"/> Adjacent* | (A) $\angle APB$ and $\angle APF$ |
| (8) <input type="checkbox"/> Congruent* | (B) $\angle BPF$ and $\angle CPD$ |
| (9) <input type="checkbox"/> Linear Pair | (C) $\angle BPF$ and $\angle EPF$ |
| (10) <input type="checkbox"/> Vertical Pair | (D) $\angle BPC$ and $\angle CPD$ |
| (11) <input type="checkbox"/> Supplementary* | (E) $\angle APB$ and $\angle DPE$ |
| (12) <input type="checkbox"/> Complementary | (F) $\angle APF$ and $\angle BPC$ |

* but does not satisfy any of the other relationships.

name

date

period

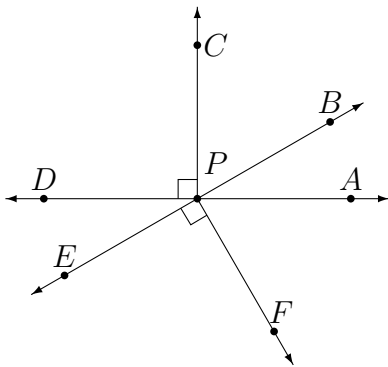
Batch 50630fe4

All the Angles

Version 25

Match name to example from diagram.

- | | | |
|------------------------------|--------------------------|---------------------------|
| (1) <input type="checkbox"/> | One Side of $\angle BPE$ | (A) E |
| (2) <input type="checkbox"/> | Acute Angle | (B) $\angle BPC$ |
| (3) <input type="checkbox"/> | Straight Angle | (C) $\angle BPE$ |
| (4) <input type="checkbox"/> | Vertex of $\angle BPE$ | (D) \overrightarrow{BE} |
| (5) <input type="checkbox"/> | Right Angle | (E) $\angle BPD$ |
| (6) <input type="checkbox"/> | Obtuse Angle | (F) B |
| | | (G) P |
| | | (H) $\angle EPF$ |
| | | (I) \overrightarrow{PE} |



P is the intersections of \overleftrightarrow{AD} and \overleftrightarrow{BE} .
 $\overrightarrow{PC} \perp \overleftrightarrow{AD}$ and $\overrightarrow{PF} \perp \overleftrightarrow{BE}$.

Match relationship to a pair of angles.

- | | | |
|-------------------------------|----------------|-----------------------------------|
| (7) <input type="checkbox"/> | Linear Pair | (A) $\angle CPE$ and $\angle DPF$ |
| (8) <input type="checkbox"/> | Supplementary* | (B) $\angle BPC$ and $\angle CPE$ |
| (9) <input type="checkbox"/> | Adjacent* | (C) $\angle APC$ and $\angle EPF$ |
| (10) <input type="checkbox"/> | Vertical Pair | (D) $\angle APF$ and $\angle EPF$ |
| (11) <input type="checkbox"/> | Congruent* | (E) $\angle APB$ and $\angle DPE$ |
| (12) <input type="checkbox"/> | Complementary | (F) $\angle APB$ and $\angle BPC$ |

* but does not satisfy any of the other relationships.

Ver. 1	Ver. 2	Ver. 3	Ver. 4	Ver. 5	Ver. 6	Ver. 7	Ver. 8	Ver. 9
(1) I	(1) G	(1) H	(1) C	(1) I	(1) C	(1) E	(1) D	(1) B
(2) F	(2) E	(2) G	(2) H	(2) E	(2) I	(2) H	(2) A	(2) C
(3) H	(3) D	(3) F	(3) D	(3) A	(3) F	(3) A	(3) E	(3) E
(4) C	(4) B	(4) C	(4) I	(4) C	(4) B	(4) I	(4) F	(4) D
(5) A	(5) F	(5) I	(5) E	(5) H	(5) H	(5) F	(5) C	(5) I
(6) G	(6) I	(6) E	(6) B	(6) B	(6) G	(6) D	(6) I	(6) A
(7) F	(7) B	(7) E	(7) A	(7) B	(7) C	(7) B	(7) A	(7) C
(8) E	(8) E	(8) A	(8) C	(8) E	(8) F	(8) A	(8) D	(8) F
(9) C	(9) D	(9) D	(9) B	(9) D	(9) D	(9) E	(9) B	(9) D
(10) A	(10) F	(10) C	(10) F	(10) F	(10) E	(10) F	(10) F	(10) E
(11) B	(11) C	(11) B	(11) D	(11) A	(11) B	(11) D	(11) C	(11) A
(12) D	(12) A	(12) F	(12) E	(12) C	(12) A	(12) C	(12) E	(12) B

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

Ver. 18	Ver. 19	Ver. 20	Ver. 21	Ver. 22	Ver. 23	Ver. 24	Ver. 25
(1) G	(1) F	(1) C	(1) C	(1) F	(1) F	(1) E	(1) I
(2) E	(2) E	(2) B	(2) I	(2) G	(2) H	(2) B	(2) B
(3) F	(3) C	(3) H	(3) F	(3) A	(3) G	(3) H	(3) C
(4) D	(4) A	(4) F	(4) E	(4) I	(4) D	(4) A	(4) G
(5) A	(5) B	(5) I	(5) G	(5) E	(5) B	(5) I	(5) H
(6) I	(6) G	(6) G	(6) H	(6) B	(6) I	(6) D	(6) E
(7) F	(7) E	(7) A	(7) F	(7) D	(7) C	(7) D	(7) B
(8) B	(8) F	(8) F	(8) E	(8) A	(8) B	(8) F	(8) C
(9) E	(9) A	(9) C	(9) A	(9) F	(9) E	(9) C	(9) D
(10) C	(10) B	(10) E	(10) C	(10) B	(10) D	(10) E	(10) E
(11) A	(11) C	(11) B	(11) B	(11) C	(11) A	(11) B	(11) A
(12) D	(12) D	(12) D	(12) D	(12) E	(12) F	(12) A	(12) F