



Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\vec{AC}$  parallel to  $\vec{EB}$
- 2)  $\vec{BA}$  intersecting  $\vec{AD}$
- 3) Acute  $\angle BED$
- 4)  $\vec{AD}$  intersecting  $\vec{BC}$  at point E
- 5)  $\vec{BE}$  intersecting  $\vec{CD}$
- 6)  $\vec{AC}$  intersected by  $\vec{BD}$
- 7)  $\angle BAC$  creating an obtuse angle
- 8)  $\vec{BC}$  intersecting  $\angle ACD$
- 9)  $\vec{AB}$  intersecting  $\vec{AD}$
- 10) Acute  $\angle ABC$  intersecting  $\vec{AD}$
- 11)  $\angle DEC$  intersected by  $\vec{AC}$
- 12)  $\vec{AC}$  perpendicular to  $\vec{AD}$

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Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\vec{AC}$  parallel to  $\vec{EB}$
- 2)  $\vec{BA}$  intersecting  $\vec{AD}$
- 3) Acute  $\angle BED$
- 4)  $\vec{AD}$  intersecting  $\vec{BC}$  at point E
- 5)  $\vec{BE}$  intersecting  $\vec{CD}$
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- 10) Acute  $\angle ABC$  intersecting  $\vec{AD}$
- 11)  $\angle DEC$  intersected by  $\vec{AC}$
- 12)  $\vec{AC}$  perpendicular to  $\vec{AD}$

- 1. **F**
- 2. **E**
- 3. **C**
- 4. **A**
- 5. **J**
- 6. **D**
- 7. **B**
- 8. **I**
- 9. **K**
- 10. **G**
- 11. **H**
- 12. **L**

**A.** Two intersecting lines forming an X-shape. The top-left ray is labeled A, top-right B, bottom-left C, and bottom-right D. The intersection point is E.

**B.** Two intersecting lines. The top-left ray is labeled A, top-right B, bottom-left C, and bottom-right D. The intersection point is A.

**C.** Two horizontal parallel lines. The top line has points A, B, and C. The bottom line has points D and E. A diagonal line segment connects B and E.

**D.** Three vertical parallel lines. The leftmost line has points A and D. The middle line has points B and D. The rightmost line has points C and D.

**E.** Two horizontal parallel lines. The top line has points A and B. The bottom line has points C and D. A vertical line segment connects A and D.

**F.** Two horizontal parallel lines. The top line has points A and B. The bottom line has points C and D. A vertical line segment connects A and C. A diagonal line segment connects B and D. A point E is located below the bottom line.

**G.** A horizontal line with points A, B, and C. A vertical line with point D. A diagonal line segment connects A and B.

**H.** Two horizontal parallel lines. The top line has points A, B, and C. The bottom line has points D and E. A vertical line with point F. A diagonal line segment connects B and D. Another diagonal line segment connects C and E.

**I.** A horizontal line with points A, B, and C. A vertical line with point D. A diagonal line segment connects A and C. Another diagonal line segment connects B and D.

**J.** Two intersecting lines. The top-left ray is labeled A, top-right B, bottom-left C, and bottom-right D. The intersection point is C. The bottom-left ray is also labeled E, and the bottom-right ray is labeled F.

**K.** Two horizontal parallel lines. The top line has points A and B. The bottom line has points C and D. A vertical line segment connects A and D.

**L.** Two horizontal parallel lines. The top line has points A and C. The bottom line has points D and B. A vertical line segment connects A and D. Another vertical line segment connects C and B.



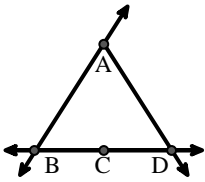
Match the description on the top with the visual image on the bottom.

**Answers**

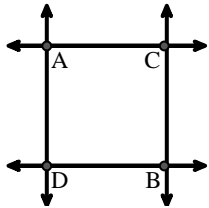
- 1) Right  $\angle ADE$
- 2) D as the midpoint of  $\overleftrightarrow{CE}$
- 3) Acute  $\angle BED$
- 4)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 5) Acute  $\angle BDE$
- 6)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 7)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 8)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 9)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 10)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$
- 11)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 12)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$

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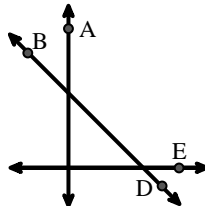
A.



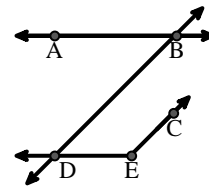
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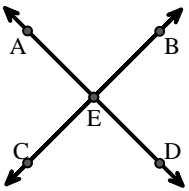
C.



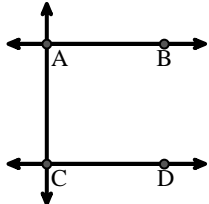
D.



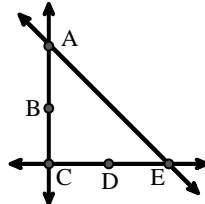
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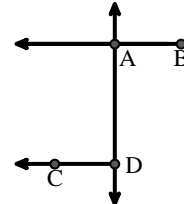
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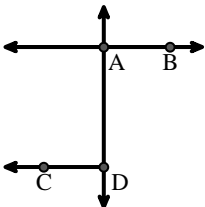
G.



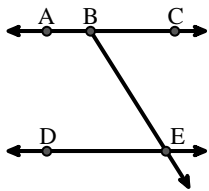
H.



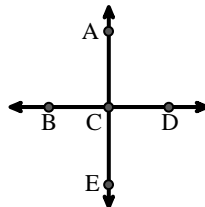
I.



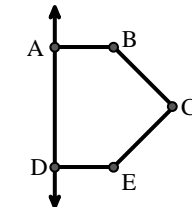
J.



K.



L.





Match the description on the top with the visual image on the bottom.

**Answers**

- 1) Right  $\angle ADE$
- 2) D as the midpoint of  $\overleftrightarrow{CE}$
- 3) Acute  $\angle BED$
- 4)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 5) Acute  $\angle BDE$
- 6)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 7)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 8)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 9)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 10)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$
- 11)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 12)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$

1. **L**
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9. **B**
10. **K**
11. **C**
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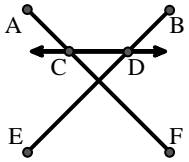
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**Answers**

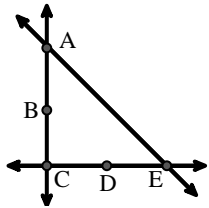
- 1)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 2) Acute  $\angle BED$
- 3)  $\overline{BE}$  intersecting  $\overleftrightarrow{CD}$
- 4)  $\angle BAC$  creating an obtuse angle
- 5) D as the midpoint of  $\overleftrightarrow{CE}$
- 6)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 7)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$
- 8)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 9)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 10)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 11)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$
- 12) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$

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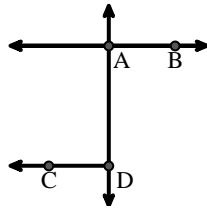
A.



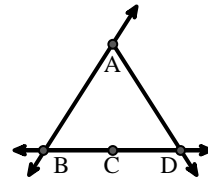
B.



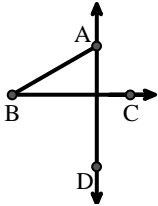
C.



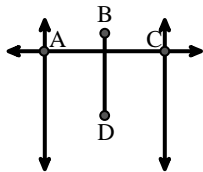
D.



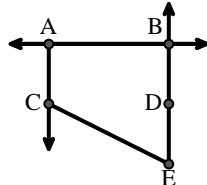
E.



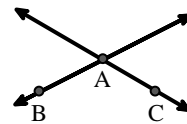
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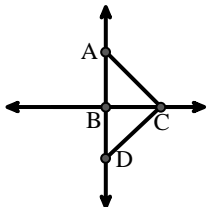
G.



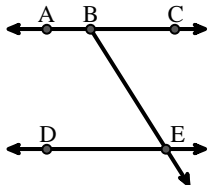
H.



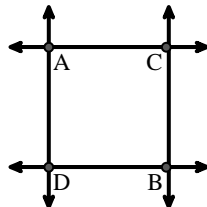
I.



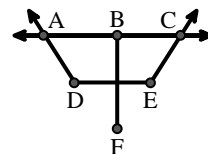
J.



K.



L.





Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 2) Acute  $\angle BED$
- 3)  $\overline{BE}$  intersecting  $\overleftrightarrow{CD}$
- 4)  $\angle BAC$  creating an obtuse angle
- 5) D as the midpoint of  $\overleftrightarrow{CE}$
- 6)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 7)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$
- 8)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 9)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 10)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 11)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$
- 12) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$

1. **C**
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6. **I**
7. **F**
8. **K**
9. **D**
10. **G**
11. **L**
12. **E**

The diagrams are as follows:

- A:** Two intersecting lines AB and CD, with a horizontal line EF passing through the intersection point D.
- B:** A vertical line with points A, B, C, D, E. A diagonal line passes through A and E. A horizontal line passes through C, D, E.
- C:** A vertical line with points A, D. A horizontal line passes through A, B. Another horizontal line passes through C, D.
- D:** A triangle with vertices A, B, C, D. A horizontal line passes through B, C, D.
- E:** A vertical line with points A, D. A horizontal line passes through B, C. A diagonal line passes through A, B.
- F:** Three vertical lines with points A, B, C on the top and D on the bottom.
- G:** A vertical line with points A, C, E. A horizontal line passes through A, B. A diagonal line passes through C, E.
- H:** Two intersecting lines AB and CD meeting at point A.
- I:** A vertical line with points A, B, D. A horizontal line passes through B, C. A diagonal line passes through A, C.
- J:** Two horizontal lines with points A, B, C on the top and D, E on the bottom. A diagonal line passes through B, E.
- K:** A vertical line with points A, D. A horizontal line passes through A, C. Another horizontal line passes through D, B.
- L:** A horizontal line with points A, B, C. A vertical line passes through B, F. A diagonal line passes through A, D. Another diagonal line passes through C, E.



Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 2)  $\overrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 3)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 4)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 5) Acute  $\angle BED$
- 6)  $\overline{BE}$  intersecting  $\overleftrightarrow{CD}$
- 7) Right  $\angle ADE$
- 8)  $\angle BAC$  creating an obtuse angle
- 9)  $\overrightarrow{AC}$  parallel to  $\overrightarrow{EB}$
- 10)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$
- 11) D as the midpoint of  $\overleftrightarrow{CE}$
- 12)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$

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**Answers**

- 1)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 2)  $\overrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 3)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 4)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 5) Acute  $\angle BED$
- 6)  $\overline{BE}$  intersecting  $\overleftrightarrow{CD}$
- 7) Right  $\angle ADE$
- 8)  $\angle BAC$  creating an obtuse angle
- 9)  $\overrightarrow{AC}$  parallel to  $\overrightarrow{EB}$
- 10)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$
- 11) D as the midpoint of  $\overleftrightarrow{CE}$
- 12)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$

1. **G**
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Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\angle BAC$  creating an obtuse angle
- 2)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 3) Right  $\angle ADE$
- 4)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 5)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 6)  $\overleftrightarrow{BD}$  intersecting  $\overleftrightarrow{CE}$
- 7)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 8)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 9)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 10)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 11) Acute  $\angle BDE$
- 12)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$

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**Answers**

- 1)  $\angle BAC$  creating an obtuse angle
- 2)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 3) Right  $\angle ADE$
- 4)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 5)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 6)  $\overleftrightarrow{BD}$  intersecting  $\overleftrightarrow{CE}$
- 7)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 8)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 9)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 10)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 11) Acute  $\angle BDE$
- 12)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$

- 1.     **F**
- 2.     **H**
- 3.     **I**
- 4.     **L**
- 5.     **A**
- 6.     **G**
- 7.     **E**
- 8.     **K**
- 9.     **B**
- 10.     **D**
- 11.     **J**
- 12.     **C**

The diagrams are as follows:

- A.** Two intersecting lines forming an X-shape. The top-left ray is labeled A, top-right B, bottom-left C, and bottom-right D. The intersection point is labeled E.
- B.** A horizontal line with points A, B, and C. A vertical line passes through B. A ray starts at B and goes up-right to point A. A ray starts at C and goes down-left to point D.
- C.** Three vertical lines. The leftmost has points A and C. The middle has points B and D.
- D.** A square-like shape with vertices A (top-left), C (top-right), D (bottom-left), and B (bottom-right). All four sides have arrows pointing outwards, indicating they are lines.
- E.** A horizontal line with points A and B. A vertical line passes through B. A ray starts at B and goes down to point C. A ray starts at C and goes down-right to point D. A ray starts at D and goes down to point E.
- F.** Two intersecting lines forming an X-shape. The top-left ray is labeled A, top-right B, bottom-left C, and bottom-right D.
- G.** A horizontal line with points A and B. A vertical line passes through B. A ray starts at B and goes down to point D. A horizontal line passes through D with points C and E.
- H.** A horizontal line with points A and B. A vertical line passes through A. A ray starts at A and goes down to point C. A ray starts at C and goes down to point D.
- I.** A vertical line with points A and D. A horizontal line passes through A with points B and C. A ray starts at B and goes down-right to point C. A ray starts at C and goes down to point E.
- J.** Two horizontal lines. The top one has points A and B. The bottom one has points D and E. A ray starts at B and goes down-left to point D. A ray starts at E and goes up-right to point C.
- K.** Two horizontal lines. The top one has points A and B. The bottom one has points C and D.
- L.** A horizontal line with points A and B. A vertical line passes through A. A ray starts at A and goes down to point C. A ray starts at C and goes down to point D.



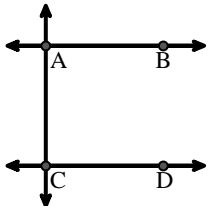
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**Answers**

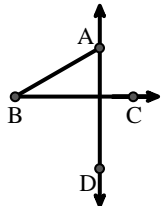
- 1)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 2) Right  $\angle ADE$
- 3)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 4)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 5)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$
- 6)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 7)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$
- 8) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 9)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 10) D as the midpoint of  $\overleftrightarrow{CE}$
- 11)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 12)  $\overleftrightarrow{BE}$  intersecting  $\overleftrightarrow{CD}$

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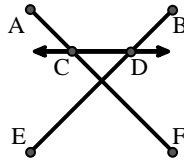
A.



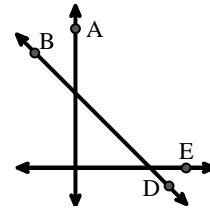
B.



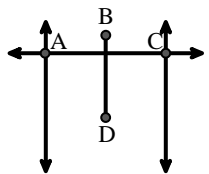
C.



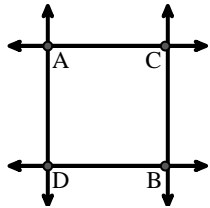
D.



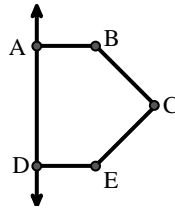
E.



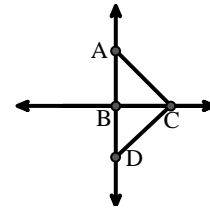
F.



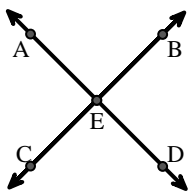
G.



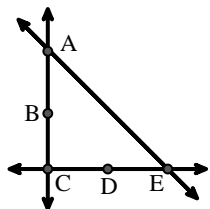
H.



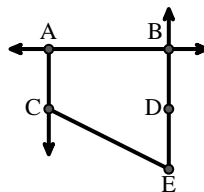
I.



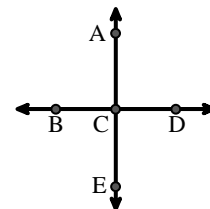
J.



K.



L.





Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 2) Right  $\angle ADE$
- 3)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 4)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 5)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$
- 6)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 7)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$
- 8) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 9)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 10) D as the midpoint of  $\overleftrightarrow{CE}$
- 11)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 12)  $\overleftrightarrow{BE}$  intersecting  $\overleftrightarrow{CD}$

1. **H**
2. **G**
3. **K**
4. **A**
5. **L**
6. **I**
7. **E**
8. **B**
9. **D**
10. **J**
11. **F**
12. **C**

A.

B.

C.

D.

E.

F.

G.

H.

I.

J.

K.

L.



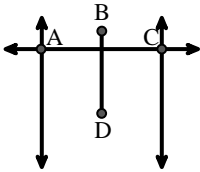
Match the description on the top with the visual image on the bottom.

**Answers**

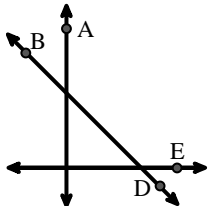
- 1)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 2)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 3)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 4)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 5)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 6) Acute  $\angle BED$
- 7) Right  $\angle ADE$
- 8)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 9)  $\angle BAC$  creating an obtuse angle
- 10) Acute  $\angle BDE$
- 11)  $\overleftrightarrow{BD}$  intersecting  $\overline{CE}$
- 12)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$

1. \_\_\_\_\_
2. \_\_\_\_\_
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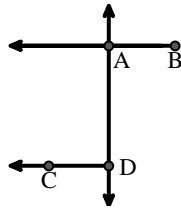
A.



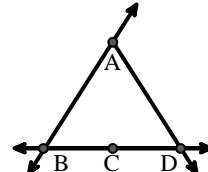
B.



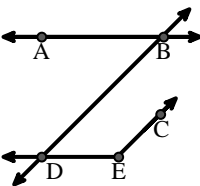
C.



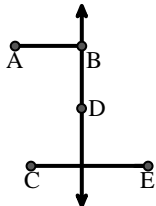
D.



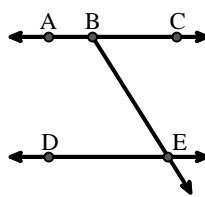
E.



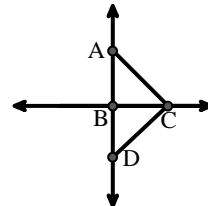
F.



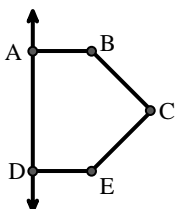
G.



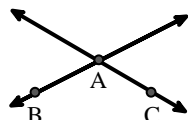
H.



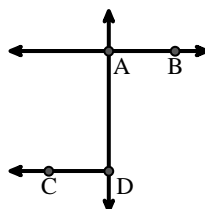
I.



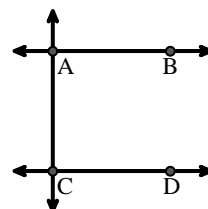
J.



K.



L.





Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 2)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 3)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 4)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 5)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 6) Acute  $\angle BED$
- 7) Right  $\angle ADE$
- 8)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 9)  $\angle BAC$  creating an obtuse angle
- 10) Acute  $\angle BDE$
- 11)  $\overleftrightarrow{BD}$  intersecting  $\overline{CE}$
- 12)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$

1. **B**
2. **K**
3. **H**
4. **D**
5. **L**
6. **G**
7. **I**
8. **C**
9. **J**
10. **E**
11. **F**
12. **A**

**A.**

**B.**

**C.**

**D.**

**E.**

**F.**

**G.**

**H.**

**I.**

**J.**

**K.**

**L.**



Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 2)  $\overrightarrow{AC}$  parallel to  $\overrightarrow{EB}$
- 3) D as the midpoint of  $\overleftrightarrow{CE}$
- 4)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$
- 5)  $\overline{BE}$  intersecting  $\overleftrightarrow{CD}$
- 6)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 7)  $\angle BAC$  creating an obtuse angle
- 8) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 9)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 10)  $\overrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 11)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 12) Right  $\angle ADE$

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12. \_\_\_\_\_

**A.**

**B.**

**C.**

**D.**

**E.**

**F.**

**G.**

**H.**

**I.**

**J.**

**K.**

**L.**



Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 2)  $\overrightarrow{AC}$  parallel to  $\overrightarrow{EB}$
- 3) D as the midpoint of  $\overleftrightarrow{CE}$
- 4)  $\overleftrightarrow{AC}$  intersected by  $\overline{BD}$
- 5)  $\overline{BE}$  intersecting  $\overleftrightarrow{CD}$
- 6)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 7)  $\angle BAC$  creating an obtuse angle
- 8) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 9)  $\overleftrightarrow{AB}$  intersecting  $\overleftrightarrow{AD}$
- 10)  $\overrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 11)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 12) Right  $\angle ADE$

1.     **K**
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3.     **I**
4.     **C**
5.     **J**
6.     **F**
7.     **E**
8.     **H**
9.     **L**
10.     **G**
11.     **D**
12.     **B**

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J.

K.

L.





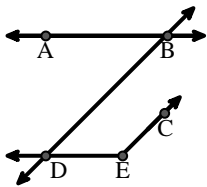
Match the description on the top with the visual image on the bottom.

**Answers**

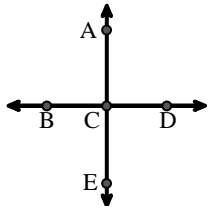
- 1) D as the midpoint of  $\overleftrightarrow{CE}$
- 2)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$
- 3)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 4) Acute  $\angle BDE$
- 5)  $\angle BAC$  creating an obtuse angle
- 6) Right  $\angle ADE$
- 7)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 8)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$
- 9) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 10)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 11)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 12)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$

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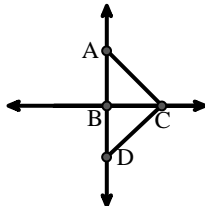
A.



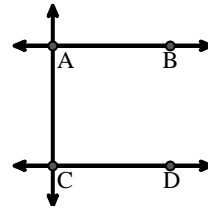
B.



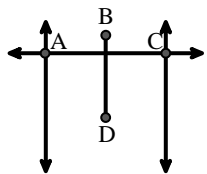
C.



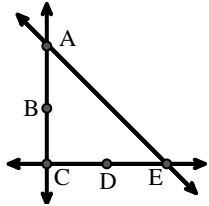
D.



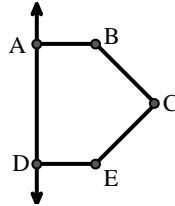
E.



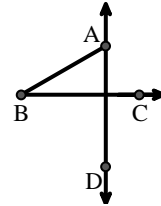
F.



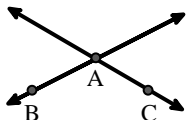
G.



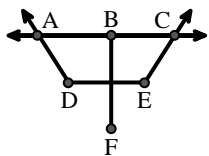
H.



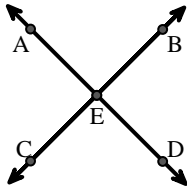
I.



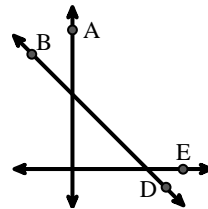
J.



K.



L.





Match the description on the top with the visual image on the bottom.

**Answers**

- 1) D as the midpoint of  $\overleftrightarrow{CE}$
- 2)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$
- 3)  $\overleftrightarrow{AD}$  intersecting  $\overleftrightarrow{BC}$  at point E
- 4) Acute  $\angle BDE$
- 5)  $\angle BAC$  creating an obtuse angle
- 6) Right  $\angle ADE$
- 7)  $\overleftrightarrow{BC}$  intersecting  $\angle ACD$
- 8)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$
- 9) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 10)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 11)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 12)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$

1. **F**
2. **B**
3. **K**
4. **A**
5. **I**
6. **G**
7. **C**
8. **E**
9. **H**
10. **L**
11. **D**
12. **J**

The diagrams are as follows:

- A:** Two horizontal lines intersected by a diagonal line. Points A and B are on the top line, D and E are on the bottom line.
- B:** A vertical line and a horizontal line intersecting at point C. Points A, B, D are on the horizontal line, and E is on the vertical line.
- C:** A vertical line and a horizontal line intersecting at point B. Points A, C are on the vertical line, and D is on the horizontal line.
- D:** Two horizontal lines intersected by a vertical line. Points A, B are on the top line, C, D are on the bottom line.
- E:** Three vertical lines. Points A, B, C are on the top line, and D is on the middle line.
- F:** A vertical line and a diagonal line intersecting at point A. Points B, C, D, E are on the horizontal line.
- G:** A quadrilateral with vertices A, B, C, D, E. A horizontal line passes through A, B, D, E.
- H:** A vertical line and a horizontal line intersecting at point C. Points A, B are on the horizontal line, and D is on the vertical line.
- I:** Two intersecting lines. Point A is at the intersection, B is on one line, and C is on the other.
- J:** A horizontal line with points A, B, C. A vertical line with point F intersects it at B. A diagonal line with points D, E intersects it at B.
- K:** Two intersecting lines. Point E is at the intersection, A, B are on one line, and C, D are on the other.
- L:** A vertical line and a diagonal line intersecting at point D. Points A, B are on the vertical line, and E is on the diagonal line.



Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 2)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 3)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 4) Acute  $\angle BED$
- 5)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$
- 6) Right  $\angle ADE$
- 7) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 8)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 9)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 10)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$
- 11)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 12)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$

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12. \_\_\_\_\_



**A.**

**B.**

**C.**

**D.**

**E.**

**F.**

**G.**

**H.**

**I.**

**J.**

**K.**

**L.**



Match the description on the top with the visual image on the bottom.

**Answers**

- 1)  $\overleftrightarrow{AB}$  intersecting  $\angle BCD$  at point B
- 2)  $\overleftrightarrow{AC}$  parallel to  $\overleftrightarrow{EB}$
- 3)  $\overleftrightarrow{AB}$  parallel to  $\overleftrightarrow{CD}$
- 4) Acute  $\angle BED$
- 5)  $\overleftrightarrow{AC}$  intersected by  $\overleftrightarrow{BD}$
- 6) Right  $\angle ADE$
- 7) Acute  $\angle ABC$  intersecting  $\overleftrightarrow{AD}$
- 8)  $\overleftrightarrow{BD}$  intersecting  $\angle ACE$
- 9)  $\overleftrightarrow{AC}$  perpendicular to  $\overleftrightarrow{AD}$
- 10)  $\angle DEC$  intersected by  $\overleftrightarrow{AC}$
- 11)  $\overleftrightarrow{BA}$  intersecting  $\overleftrightarrow{AD}$
- 12)  $\overleftrightarrow{AE}$  intersecting  $\overleftrightarrow{DB}$

- 1.   **G**
- 2.   **I**
- 3.   **F**
- 4.   **J**
- 5.   **C**
- 6.   **D**
- 7.   **K**
- 8.   **B**
- 9.   **E**
- 10.   **A**
- 11.   **L**
- 12.   **H**

**A.**

**B.**

**C.**

**D.**

**E.**

**F.**

**G.**

**H.**

**I.**

**J.**

**K.**

**L.**