

Lines, Rays, and Angles

Write point, line, line segment, or ray for each one.



point

an exact spot



line

goes on and on in both directions



line segment

part of a line with two endpoints



ray

one endpoint; goes on in one direction

1



2



3



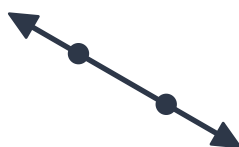
4



5



6



7



8



9



10



11



12



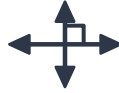
Lines, Rays, and Angles

Write parallel, perpendicular, or intersecting.



parallel

never cross; always the same distance apart



perpendicular

cross or meet to make right angles

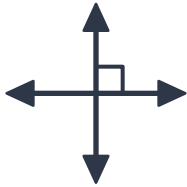


intersecting

cross at one point

On this page, intersecting means the lines cross, but not at a right angle.

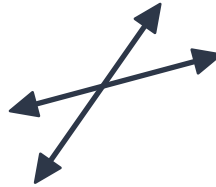
1



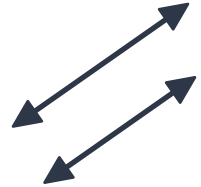
2



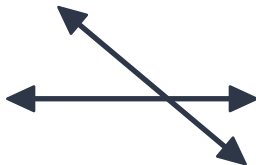
3



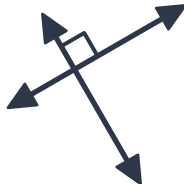
4



5



6



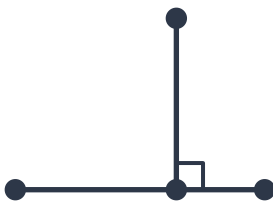
7



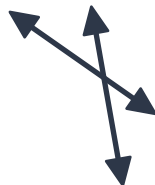
8



9



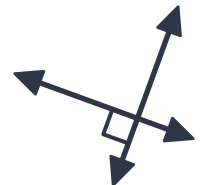
10



11



12



Lines, Rays, and Angles

Write right, acute, obtuse, or straight for each angle.



right angle

a square corner



acute angle

smaller than a right angle



obtuse angle

bigger than a right angle

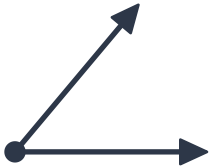


straight angle

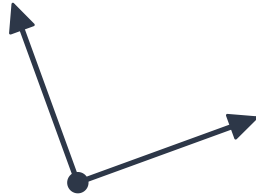
makes a straight line

Tip: fit the corner of a sheet of paper into an angle. A right angle fits it exactly.

1



2



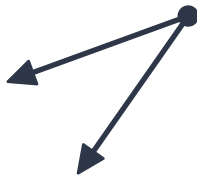
3



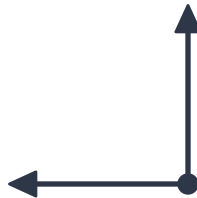
4



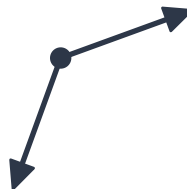
5



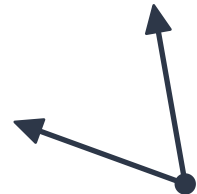
6



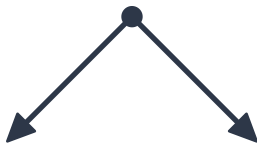
7



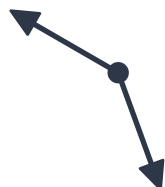
8



9



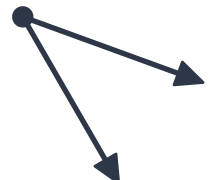
10



11



12



Lines, Rays, and Angles

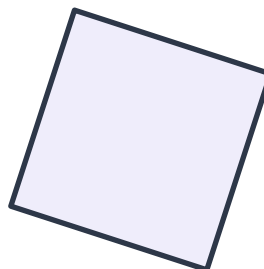
How many right angles? Use a paper corner to check.

rectangle



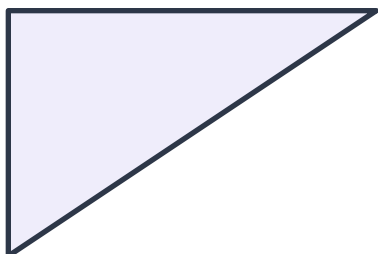
Right angles: _____

square



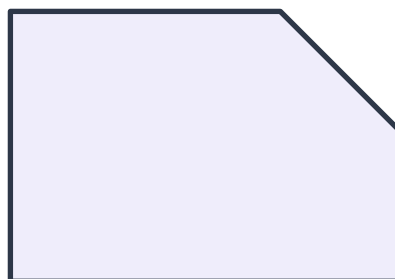
Right angles: _____

triangle



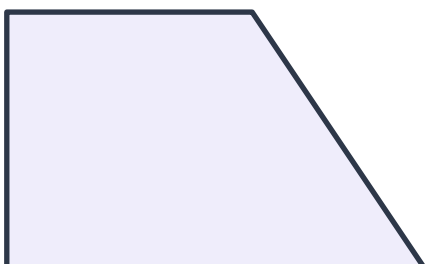
Right angles: _____

pentagon



Right angles: _____

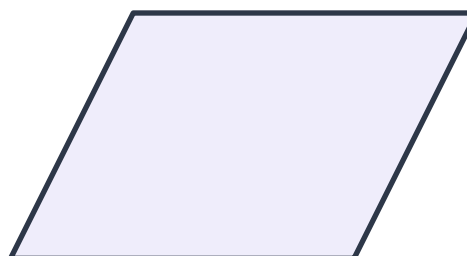
trapezoid



Right angles: _____

Pairs of parallel sides: _____

parallelogram



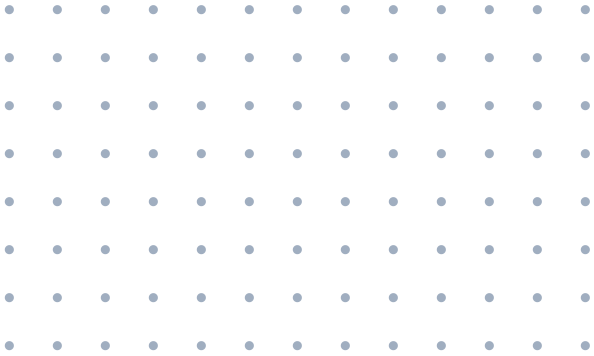
Right angles: _____

Pairs of parallel sides: _____

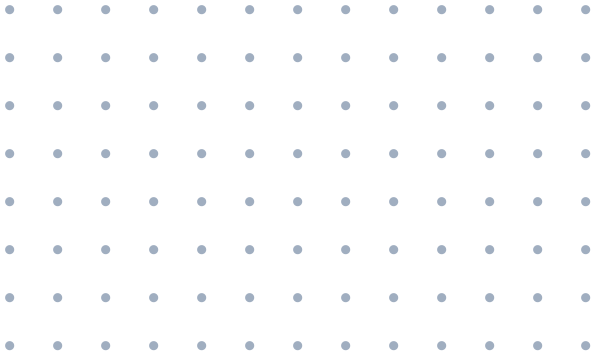
Lines, Rays, and Angles

Use a ruler and the dots to draw each one.

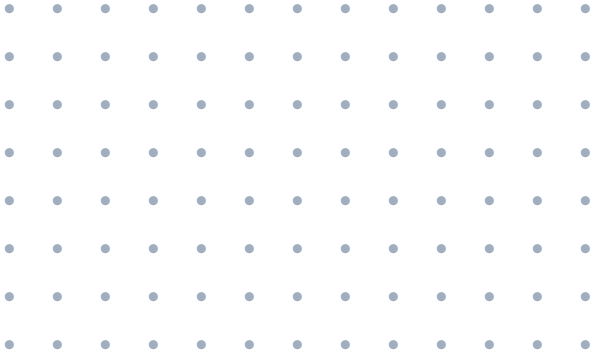
Draw a ray.



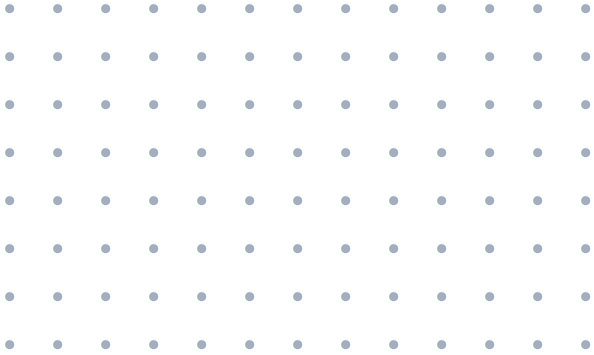
Draw a line segment.



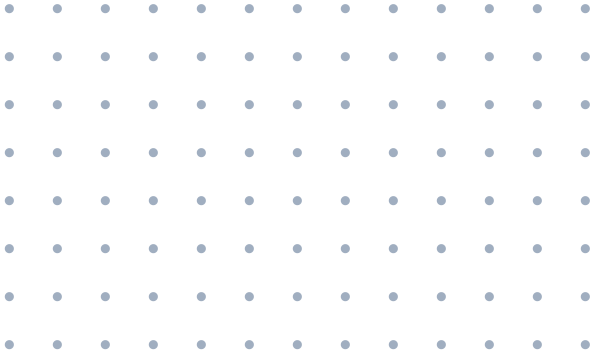
Draw two parallel lines.



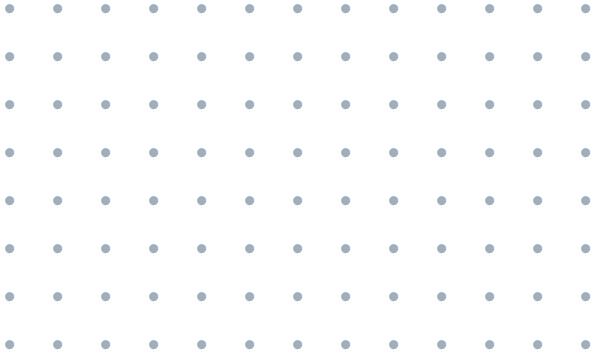
Draw two perpendicular lines.



Draw an acute angle.



Draw an obtuse angle.



Lines, Rays, and Angles

Write point, line, line segment, or ray for each one.



point

an exact spot



line

goes on and on in both directions



line segment

part of a line with two endpoints



ray

one endpoint; goes on in one direction

1



line segment

2



ray

3



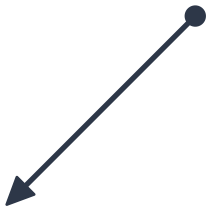
line

4



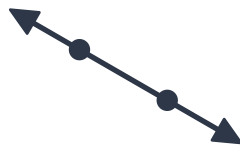
point

5



ray

6



line

7



line segment

8



ray

9



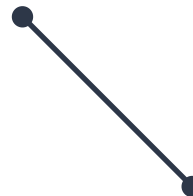
point

10



line

11



line segment

12



ray

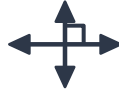
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Write parallel, perpendicular, or intersecting.



parallel

never cross; always the same distance apart



perpendicular

cross or meet to make right angles

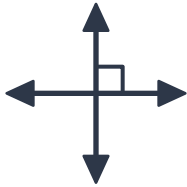


intersecting

cross at one point

On this page, intersecting means the lines cross, but not at a right angle.

1



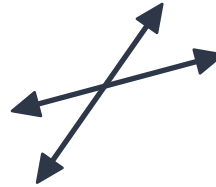
perpendicular

2



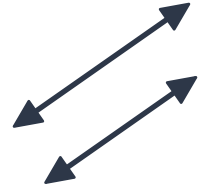
parallel

3



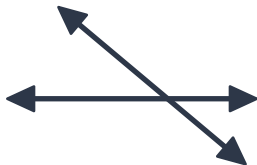
intersecting

4



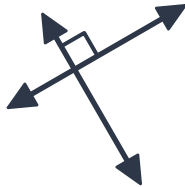
parallel

5



intersecting

6



perpendicular

7



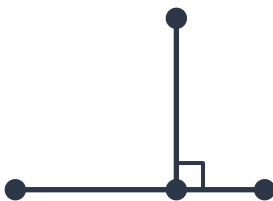
parallel

8



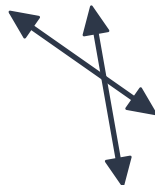
intersecting

9



perpendicular

10



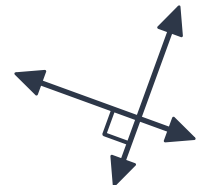
intersecting

11



parallel

12



perpendicular

Lines, Rays, and Angles

Write right, acute, obtuse, or straight for each angle.



right angle

a square corner



acute angle

smaller than a right angle



obtuse angle

bigger than a right angle

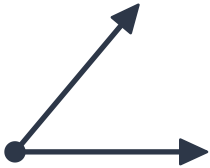


straight angle

makes a straight line

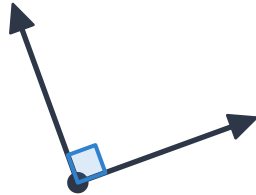
Tip: fit the corner of a sheet of paper into an angle. A right angle fits it exactly.

1



acute

2



right

3



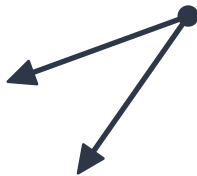
obtuse

4



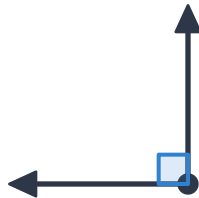
straight

5



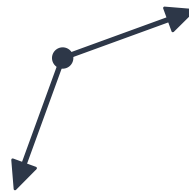
acute

6



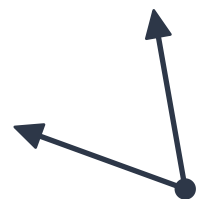
right

7



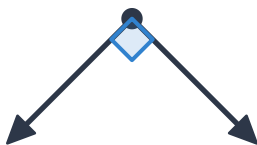
obtuse

8



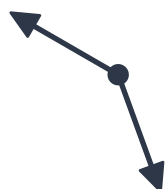
acute

9



right

10



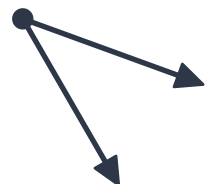
obtuse

11



straight

12



acute

Lines, Rays, and Angles

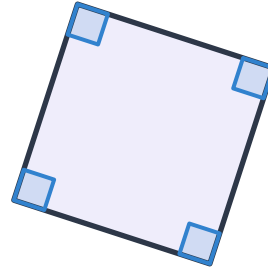
How many right angles? Use a paper corner to check.

rectangle



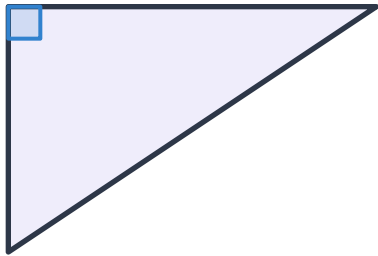
Right angles: 4

square



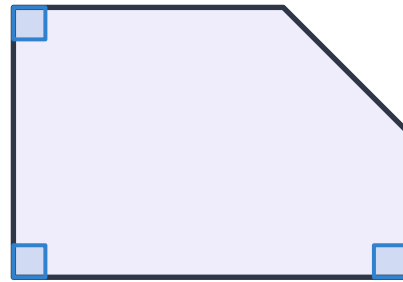
Right angles: 4

triangle



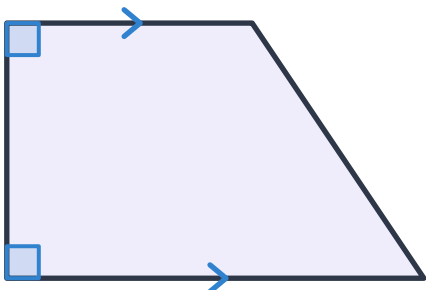
Right angles: 1

pentagon



Right angles: 3

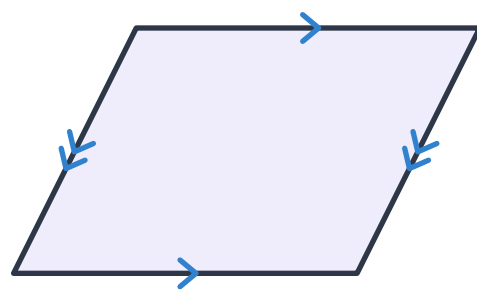
trapezoid



Right angles: 2

Pairs of parallel sides: 1

parallelogram



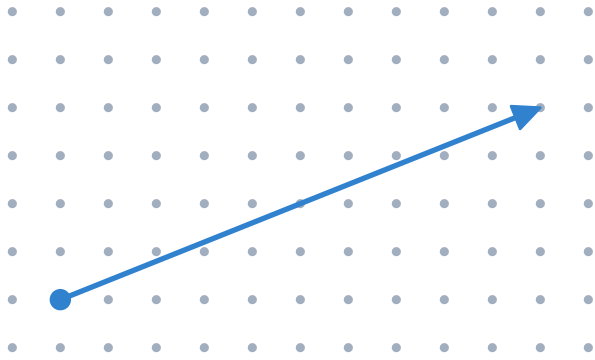
Right angles: 0

Pairs of parallel sides: 2

Lines, Rays, and Angles

Use a ruler and the dots to draw each one.

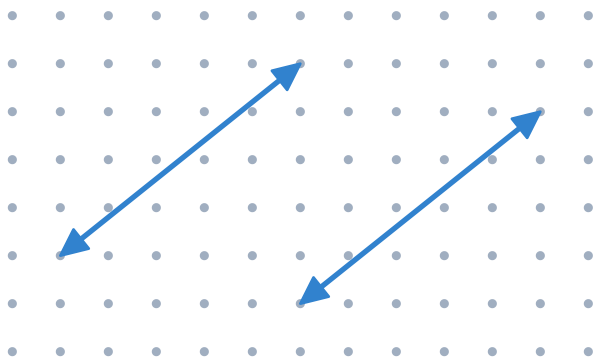
Draw a ray.



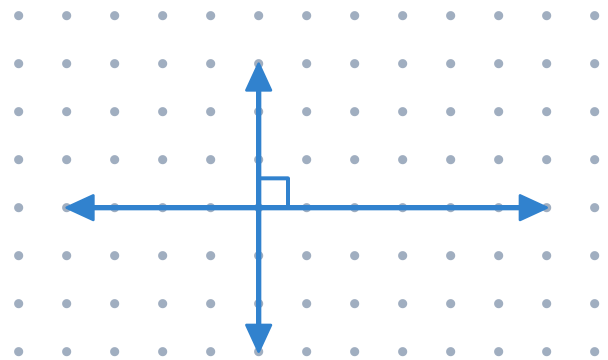
Draw a line segment.



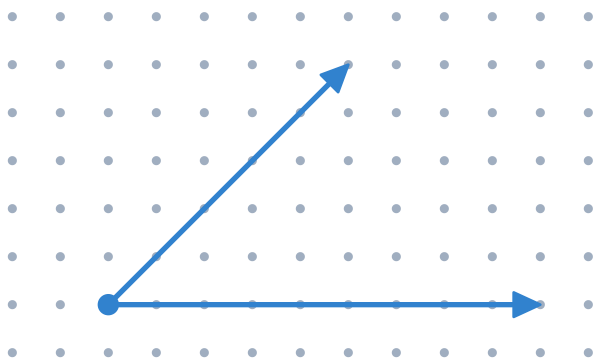
Draw two parallel lines.



Draw two perpendicular lines.



Draw an acute angle.



Draw an obtuse angle.

