

Apply angle relationships formed by intersecting lines

1

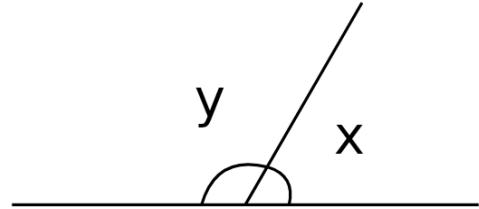
Identify whether these lines are parallel, perpendicular, or intersecting



- A intersecting B perpendicular C parallel

2

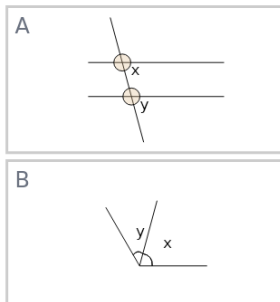
What is the name for this pair of angles?



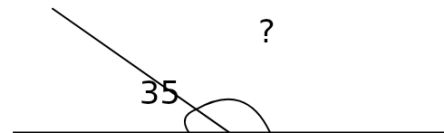
- A supplementary B complementary C opposite

3

Angles x and y are identical

**4**

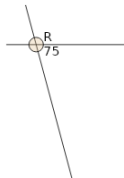
A 180° angle is made up of a 35° angle and another angle. How many degrees is the other angle?



- A 150° B 140° C 165°
D 160° E 145° F 130°

5

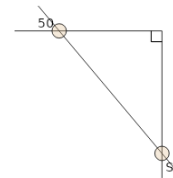
What do we know about angle 'R'?



- A 15 B 90 C 45
D 165 E 105 F 60

6

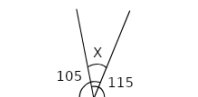
What do we know about angle 'S'?



- A 60 B 50 C 140
D 40 E 45 F 90

7

What is angle X?

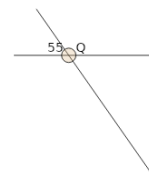


(not to scale)

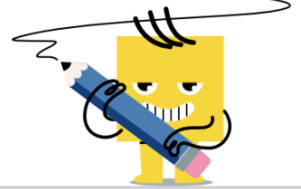
- A 35 B 15 C 40
D 30 E 20

8

What do we know about angle 'Q'?



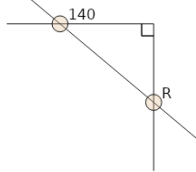
- A 55 B 60 C 90
D 35 E 125 F 45



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What do we know about angle 'R'?



A 60

B 50

C 130

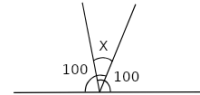
D 90

E 45

F 140

10

What is angle X?



(not to scale)

A 15

B 20

C 25

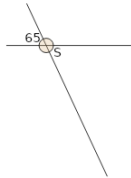
D 40

E 5

F 10

11

What do we know about angle 'S'?



A 60

B 25

C 65

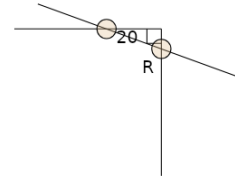
D 45

E 90

F 155

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What do we know about angle 'R'?



A 20

B 45

C 110

D 60

E 90

F 160