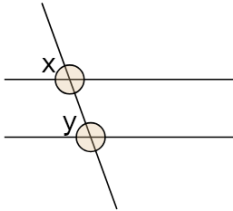


Apply angle relationships formed by intersecting lines

1

What is the name for this pair of angles?



- A corresponding B opposite C complementary

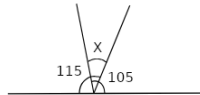
2

Angles x and y are complementary

- A Angles x and y are identical B Angles x and y add to 90° C Angles x and y don't determine each other

3

What is angle X?

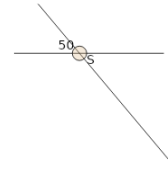


(not to scale)

- A 55 B 40 C 60
D 25 E 30 F 65

4

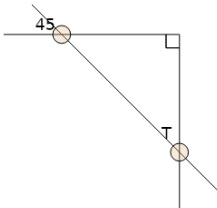
What do we know about angle 'S'?



- A 50 B 140 C 90
D 60 E 130 F 45

5

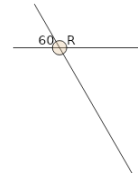
What do we know about angle 'T'?



- A 135 B 90 C 45 D 60

6

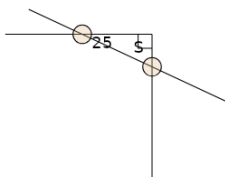
What do we know about angle 'R'?



- A 150 B 90 C 60
D 45 E 120 F 30

7

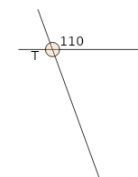
What do we know about angle 'S'?



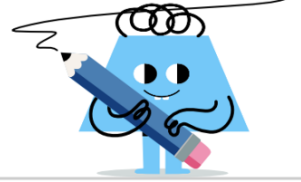
- A 115 B 60 C 25
D 65 E 45 F 155

8

What do we know about angle 'T'?



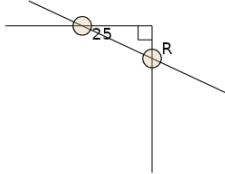
- A 60 B 70 C 90
D 20 E 110 F 160



Apply angle relationships formed by intersecting lines

9

What do we know about angle 'R'?



A 65

B 45

C 90

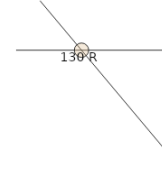
D 155

E 60

F 115

10

What do we know about angle 'R'?



A 40

B 60

C 90

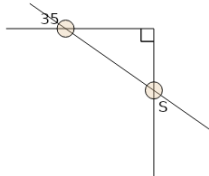
D 45

E 140

F 50

11

What do we know about angle 'S'?



A 45

B 145

C 90

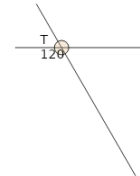
D 60

E 55

F 125

12

What do we know about angle 'T'?



A 120

B 150

C 45

D 60

E 30

F 90