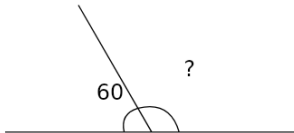




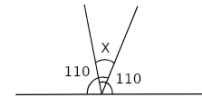
Apply vertical angle relationships

1

A 180° angle is made up of a 60° angle and another angle. How many degrees is the other angle?

A 110° B 130° C 105° D 115° E 120° F 100° **2**

What is angle X?



(not to scale)

A 50

B 40

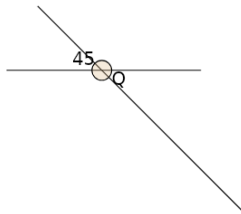
C 65

D 60

E 35

3

What do we know about angle 'Q'?



A 90

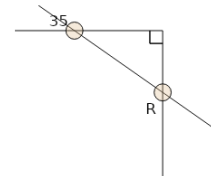
B 60

C 135

D 45

4

What do we know about angle 'R'?



A 45

B 35

C 90

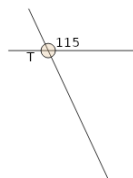
D 145

E 125

F 55

5

What do we know about angle 'T'?



A 65

B 25

C 45

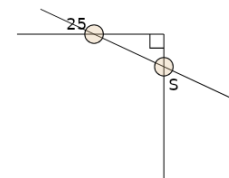
D 155

E 90

F 115

6

What do we know about angle 'S'?



A 65

B 45

C 90

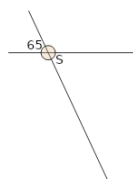
D 115

E 25

F 155

7

What do we know about angle 'S'?



A 90

B 155

C 25

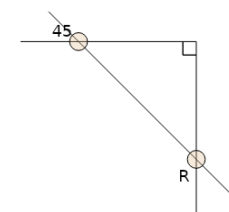
D 45

E 65

F 60

8

What do we know about angle 'R'?



A 90

B 60

C 45

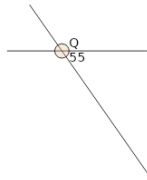
D 135



Apply vertical angle relationships

9

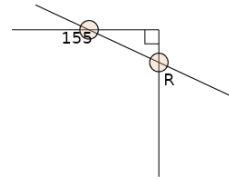
What do we know about angle 'Q'?



A 35	B 125	C 145
D 55	E 60	F 90

10

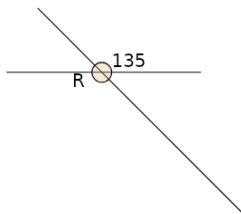
What do we know about angle 'R'?



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

11

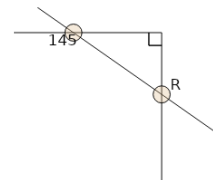
What do we know about angle 'R'?



A 60	B 90	C 135	D 45
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12

What do we know about angle 'R'?



A 90	B 35	C 125
D 145	E 45	F 60