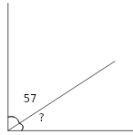


## Use supplementary angles informally

**1**

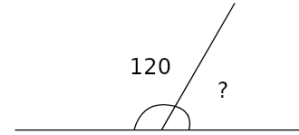
A  $90^\circ$  angle is made up of a  $57^\circ$  angle and another angle. How many degrees is the other angle?



- |              |              |              |
|--------------|--------------|--------------|
| A $53^\circ$ | B $18^\circ$ | C $33^\circ$ |
| D $8^\circ$  | E $43^\circ$ | F $28^\circ$ |

**2**

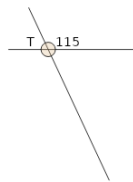
A  $180^\circ$  angle is made up of a  $120^\circ$  angle and another angle. How many degrees is the other angle?



- |              |              |              |
|--------------|--------------|--------------|
| A $65^\circ$ | B $80^\circ$ | C $45^\circ$ |
| D $35^\circ$ | E $75^\circ$ | F $60^\circ$ |

**3**

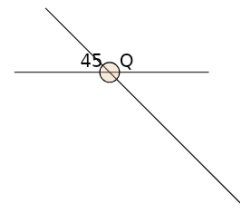
What do we know about angle 'T'?



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

**4**

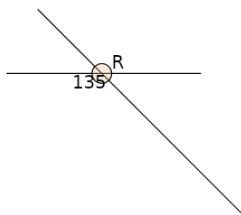
What do we know about angle 'Q'?



- |      |      |      |       |
|------|------|------|-------|
| A 45 | B 90 | C 60 | D 135 |
|------|------|------|-------|

**5**

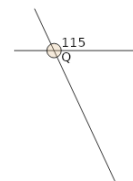
What do we know about angle 'R'?



- |      |      |       |      |
|------|------|-------|------|
| A 60 | B 90 | C 135 | D 45 |
|------|------|-------|------|

**6**

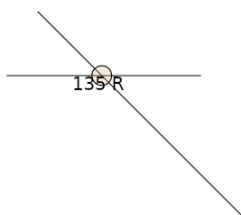
What do we know about angle 'Q'?



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

**7**

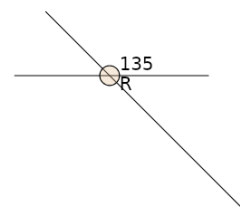
What do we know about angle 'R'?



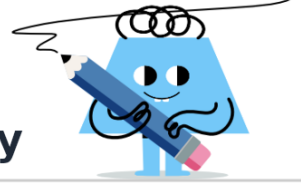
- |      |       |      |      |
|------|-------|------|------|
| A 45 | B 135 | C 90 | D 60 |
|------|-------|------|------|

**8**

What do we know about angle 'R'?



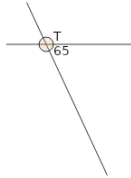
- |      |      |       |      |
|------|------|-------|------|
| A 45 | B 60 | C 135 | D 90 |
|------|------|-------|------|



## Use supplementary angles informally

9

What do we know about angle 'T'?



A 155

B 45

C 65

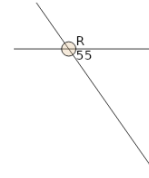
D 25

E 60

F 115

10

What do we know about angle 'R'?



A 35

B 90

C 45

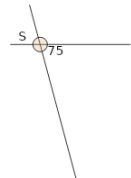
D 145

E 60

F 125

11

What do we know about angle 'S'?



A 60

B 15

C 75

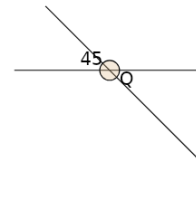
D 90

E 45

F 165

12

What do we know about angle 'Q'?



A 135

B 45

C 60

D 90