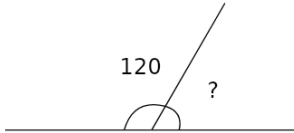




Apply angle relationships formed by parallel lines and a transversal

1

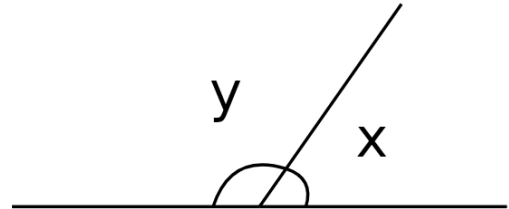
A 180° angle is made up of a 120° angle and another angle. How many degrees is the other angle?



- | | | |
|--------------|--------------|--------------|
| A 60° | B 65° | C 75° |
| D 80° | E 35° | F 45° |

2

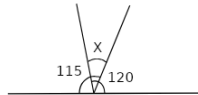
What is the name for this pair of angles?



- | | | |
|-----------------|-----------------|-----------------|
| A corresponding | B complementary | C supplementary |
|-----------------|-----------------|-----------------|

3

What is angle X?

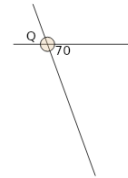


(not to scale)

- | | | |
|------|------|------|
| A 40 | B 50 | C 80 |
| D 55 | E 30 | F 60 |

4

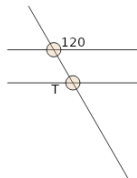
What do we know about angle 'Q'?



- | | | |
|------|-------|------|
| A 90 | B 160 | C 70 |
| D 20 | E 60 | F 45 |

5

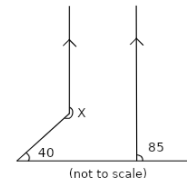
What do we know about angle 'T'?



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

6

What is angle X?

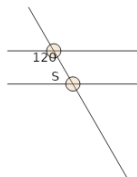


(not to scale)

- | | | |
|-------|-------|-------|
| A 220 | B 240 | C 230 |
| D 245 | E 225 | F 250 |

7

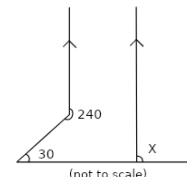
What do we know about angle 'S'?



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

8

What is angle X?



(not to scale)

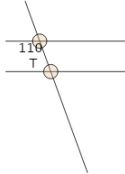
- | | | |
|-------|------|------|
| A 105 | B 75 | C 90 |
| D 95 | E 80 | F 65 |



Apply angle relationships formed by parallel lines and a transversal

9

What do we know about angle 'T'?



A 20

B 70

C 45

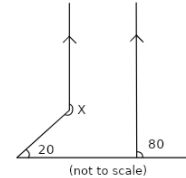
D 160

E 90

F 60

10

What is angle X?



A 260

B 240

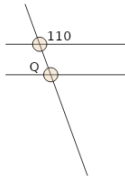
C 255

D 220

E 265

11

What do we know about angle 'Q'?



A 45

B 70

C 90

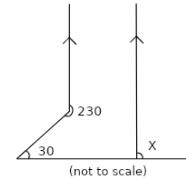
D 110

E 60

F 160

12

What is angle X?



A 65

B 100

C 85

D 80

E 70

F 90