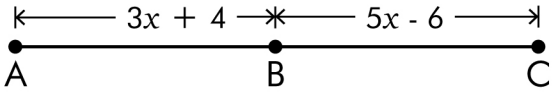
Segment and **Angle Addition** Practise

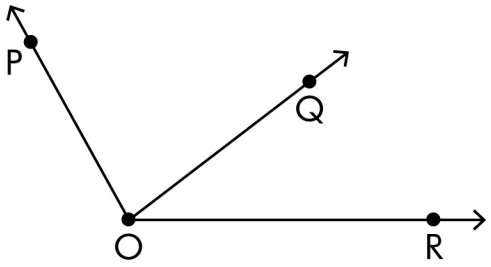
MATH MONKS

① Solve for x. Given AB = BC.



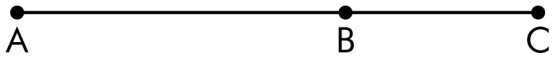
x = _____

② m∠POR = 120°, m∠QOR = 31°. Find m∠POQ.



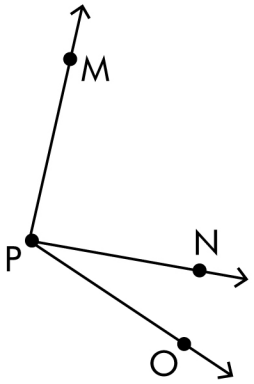
m∠POQ = _____

③ If AB = 32 and AC = 46, find BC.



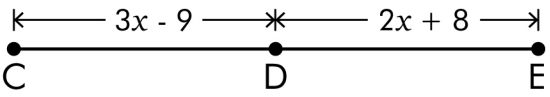
BC = _____

④ If m∠MPN = 85° and m∠NPO = 20°, find m∠MPO.



m∠MPO = _____

⑤ If D is the midpoint of CE, find each segment.



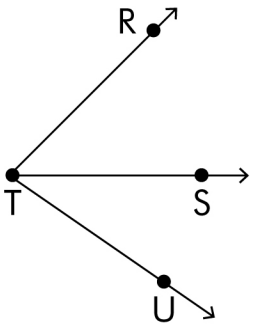
x = _____

CD = _____

DE = _____

CE = _____

⑥ If m∠RTU = 91° and m∠RTS = 71°, find m∠STU.

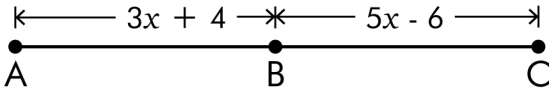


m∠STU = _____

Segment and **Angle Addition** Practise

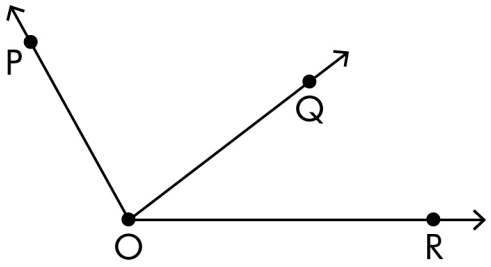
MATH MONKS

① Solve for x. Given AB = BC.



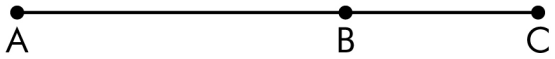
$x =$ 5

② m∠POR = 120°, m∠QOR = 31°. Find m∠POQ.



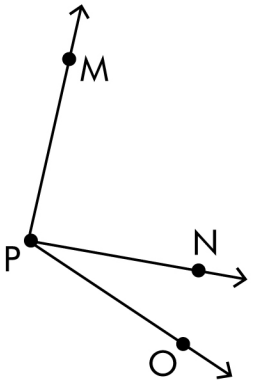
m∠POQ = 89°

③ If AB = 32 and AC = 46, find BC.



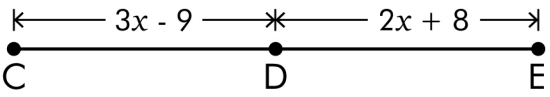
BC = 14

④ If m∠MPN = 85° and m∠NPO = 20°, find m∠MPO.



m∠MPO = 105°

⑤ If D is the midpoint of CE, find each segment.



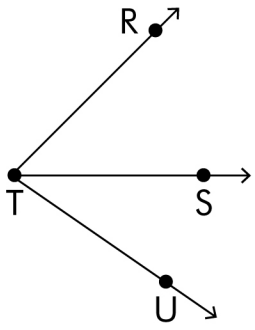
$x =$ 17

CD = 42

DE = 42

CE = 84

⑥ If m∠RTU = 91° and m∠RTS = 71°, find m∠STU.



m∠STU = 20°