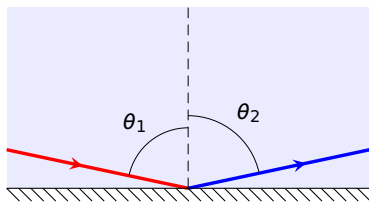
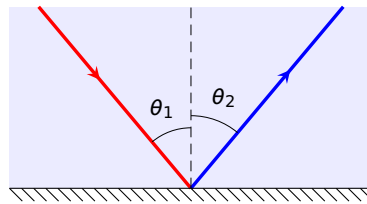


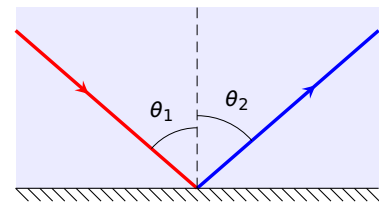
For each of the following ray diagrams measure the angle of incidence, i and reflection r .



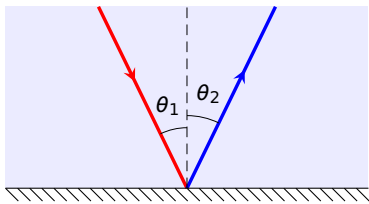
1)



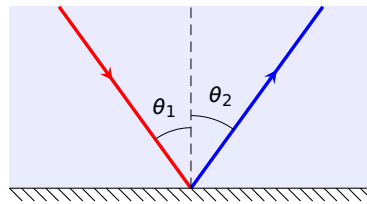
2)



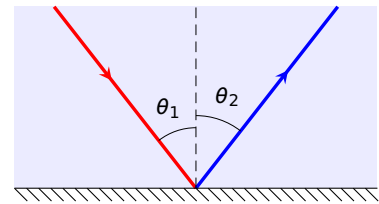
3)



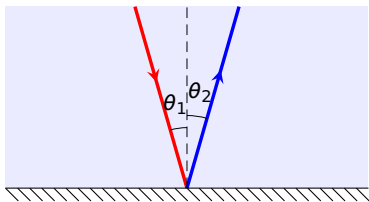
4)



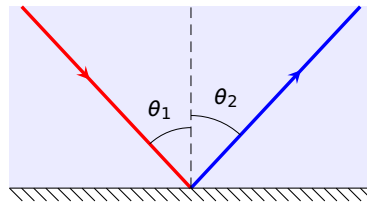
5)



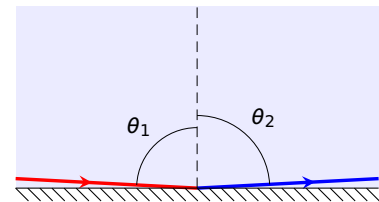
6)



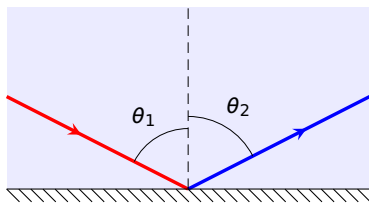
7)



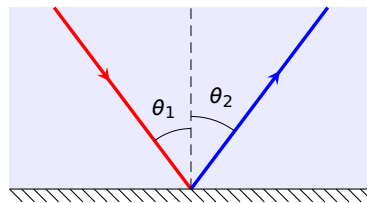
8)



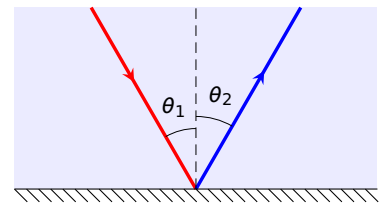
9)



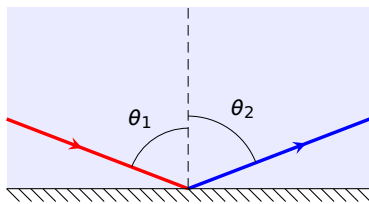
10)



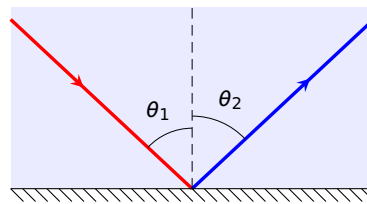
11)



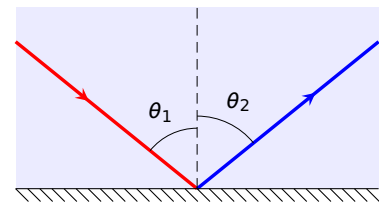
12)



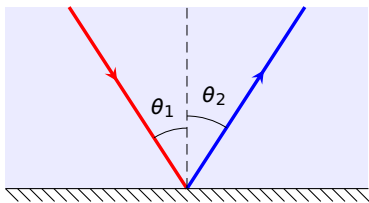
13)



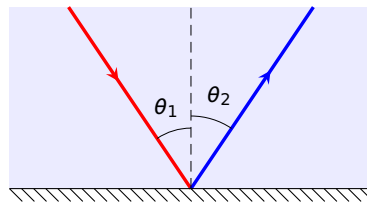
14)



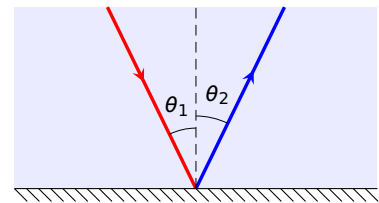
15)



16)



17)



18)

Answers

- 1) $i=78^\circ, r=78^\circ$
- 2) $i=40^\circ, r=40^\circ$
- 3) $i=49^\circ, r=49^\circ$
- 4) $i=26^\circ, r=26^\circ$
- 5) $i=36^\circ, r=36^\circ$
- 6) $i=38^\circ, r=38^\circ$
- 7) $i=16^\circ, r=16^\circ$
- 8) $i=43^\circ, r=43^\circ$
- 9) $i=87^\circ, r=87^\circ$
- 10) $i=63^\circ, r=63^\circ$
- 11) $i=37^\circ, r=37^\circ$
- 12) $i=30^\circ, r=30^\circ$
- 13) $i=69^\circ, r=69^\circ$
- 14) $i=47^\circ, r=47^\circ$
- 15) $i=51^\circ, r=51^\circ$
- 16) $i=33^\circ, r=33^\circ$
- 17) $i=34^\circ, r=34^\circ$
- 18) $i=26^\circ, r=26^\circ$