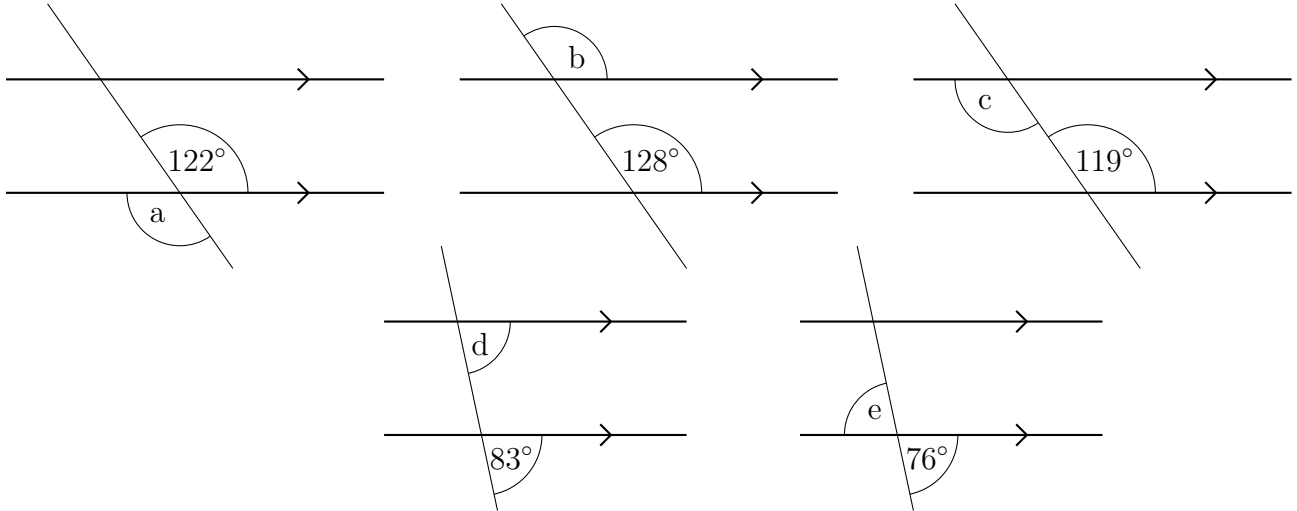


1. Complete (Hint: use alternate, corresponding or vertically opposite to complete the reasons)



angle  $a = \dots^\circ$  because ..... are equal

angle  $b = \dots^\circ$  because ..... are equal

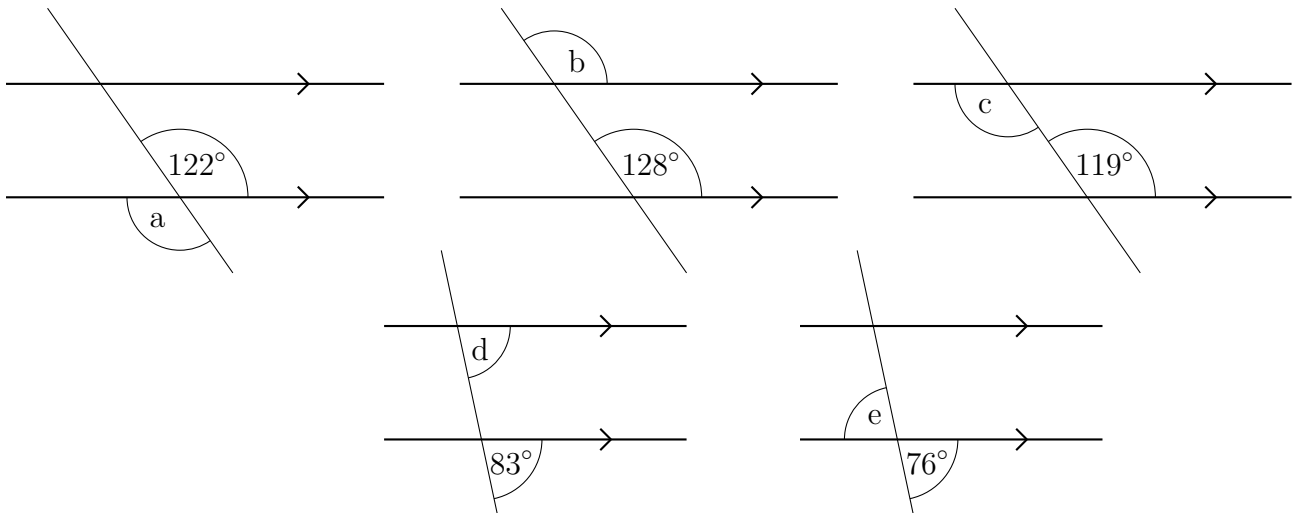
angle  $c = \dots^\circ$  because ..... are equal

angle  $d = \dots^\circ$  because ..... are equal

angle  $e = \dots^\circ$  because ..... are equal

angleParallel (4) Q1:  $a = 122$ ,  $b = 128$ ,  $c = 119$ ,  $d = 83$ ,  $e = 76$ ; Q2:  $a = 132$ ,  $b = 128$ ,  $c = 135$ ,  $d = 58$ ,  $e = 65$  reasons alternate:  $1c + 2c + 2d$ , corresponding:  $1b + 1d + 2a + 2e$ , vertically opposite:  $1a + 1e + 2b$

1. Complete (Hint: use alternate, corresponding or vertically opposite to complete the reasons)



angle  $a = \dots^\circ$  because ..... are equal

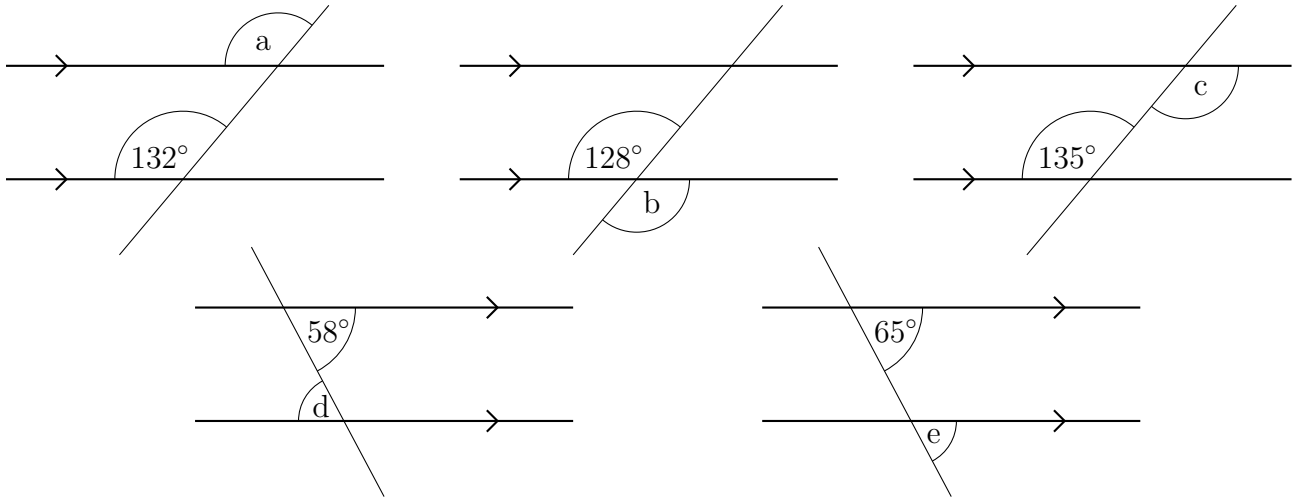
angle  $b = \dots^\circ$  because ..... are equal

angle  $c = \dots^\circ$  because ..... are equal

angle  $d = \dots^\circ$  because ..... are equal

angle  $e = \dots^\circ$  because ..... are equal

2. Complete (Hint: use alternate, corresponding or vertically opposite to complete the reasons)



angle  $a = \dots^\circ$  because ..... are equal

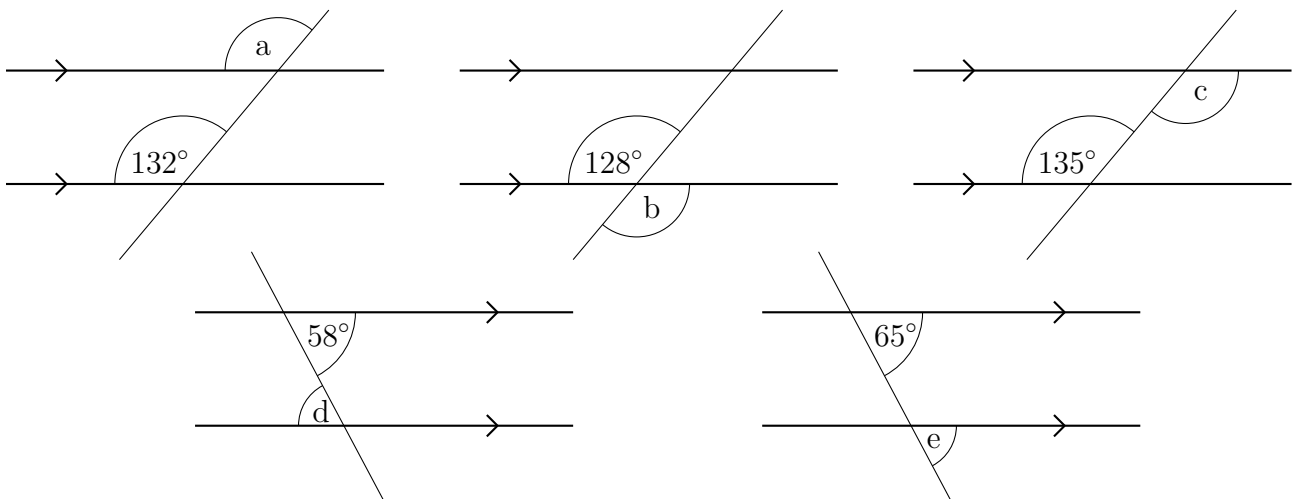
angle  $b = \dots^\circ$  because ..... are equal

angle  $c = \dots^\circ$  because ..... are equal

angle  $d = \dots^\circ$  because ..... are equal

angle  $e = \dots^\circ$  because ..... are equal

2. Complete (Hint: use alternate, corresponding or vertically opposite to complete the reasons)



angle  $a = \dots^\circ$  because ..... are equal

angle  $b = \dots^\circ$  because ..... are equal

angle  $c = \dots^\circ$  because ..... are equal

angle  $d = \dots^\circ$  because ..... are equal

angle  $e = \dots^\circ$  because ..... are equal