Trapezoid Midsegment
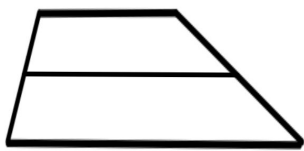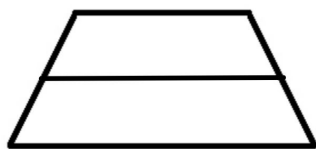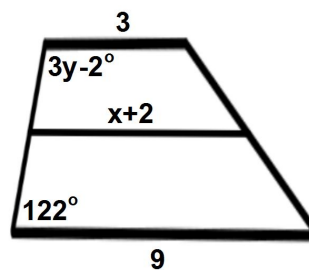
Isosceles Trapezoid Midsegment
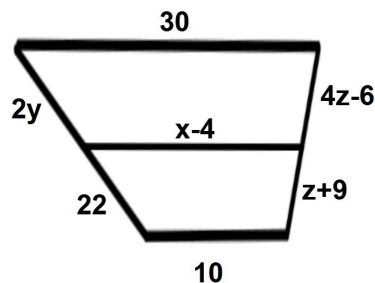
The following is a trapezoid. Solve for x and y.

3

$3y-2°$

$x+2$

$122°$

9

The following is an isosceles trapezoid. Solve for x and y.

$5y+1°$

$5x$ $7x$ 18

$64°$
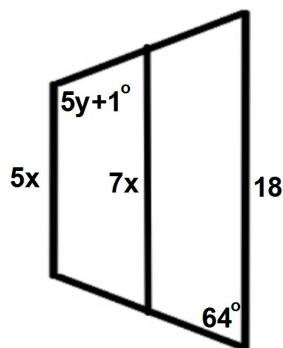
The following is a trapezoid with a midsegment drawn. Solve for x, y, and z.

30

$2y$ $4z-6$

$x-4$

22   $z+9$

10

The following is a trapezoid. Solve for x and the perimeter.

$3x+2$

12   $2x+4$ 16

$2x+1$

The following is an isosceles trapezoid. Solve for x and y.

32

$72°$

$2x-5$

$5y-2°$

13