



## Each diagram shows a trapezoid and its median. Find the value of x.



## Find the measure of each angle in the isosceles trapezoid.

3) One angle of an isosceles trapezoid has measure 48. Find the measures of the other angles.
4) 3x° 9/x° 9/x°

## In $\triangle ABC$ , AX = XM = MB and AY = YN = NC.

- **6)** If XY = 12, then MN = \_\_\_\_\_
- **7)** If XY = 9, then MN = \_\_\_\_\_ and BC = \_\_\_\_\_

**8)** If MN = 32, then XY = \_\_\_\_\_ and BC = \_\_\_\_\_

**9)** If XY = 8 and MN = x + 12, then x = \_\_\_\_\_ and BC = \_\_\_\_\_

