LO – Solve angle problems including algebra

Solve the following equations for x

(1) 2x = 4	(4) 4x + 10 = 90	(7) 2x + 1 = x + 4
(2) 3x + 1 = 10	(5) 2(x+4) = 10	(8) 3x + 5 = 26
(3) 5x – 2 = 13	(6) x – 3 = 16	(9) 3(x-2) = 9

Find the missing values in the polygons below. All values are given in degrees. Make sure you answer the question!
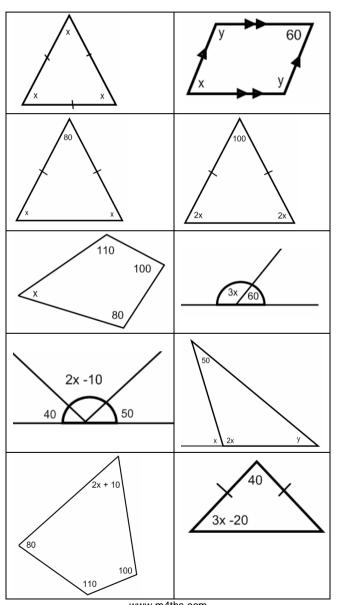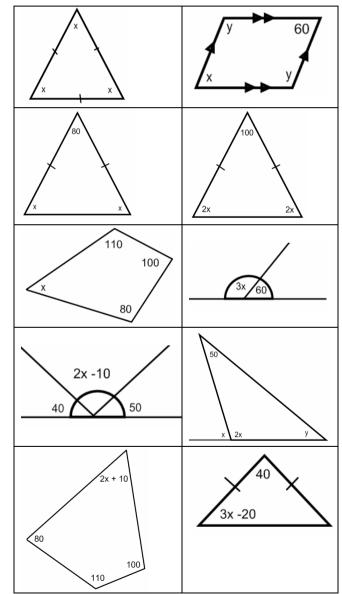**(NOT TO SCALE – USE ANGLE PROPETIES TO SOLVE THEM)**

Answers

(1) x = 2
(2) x = 3
(3) x = 3
(4) x = 20
(5) x = 1
(6) x = 19
(7) x = 3
(8) x = 7
(9) x = 5

X = 60	X = 60 Y =120
X = 50	X = 20
X = 70	X = 40
X = 50	X=60 Y=10
X = 30	X = 30