Name_____

Measures in a quadrilateral
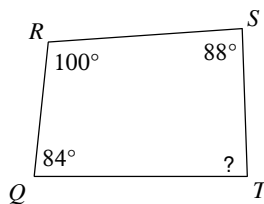
Date_____ Period____

Find the measure of each angle indicated.

1)

W   94°   T ?

V 86°   94° U

2)

R 100°   S 88°

Q 84°   ? T
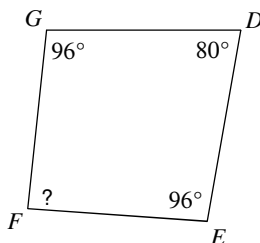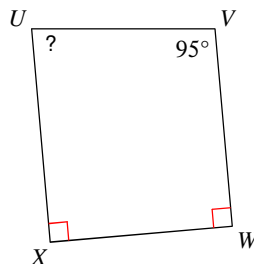
3)

T   U 74°

S ?   116° V

4)

M ?   N 84°

L 76°   110° K

5)

G 96°   D 80°

F ?   96° E

6)

U ?   V 95°

X   W

Solve for x.

7)

E   F 86°

114°

D $9x + 7$

G

8)

U 85°   V 74°

105° $11x + 8$
T   W

9)

A 92°

115° B

$14x + 2$ 95°

D   C

10)

L 96°   M 84°

84° $97x - 1$

K   N
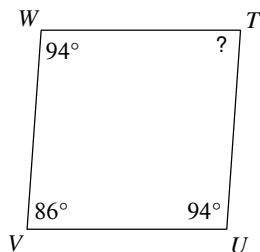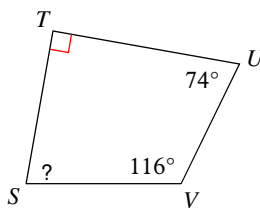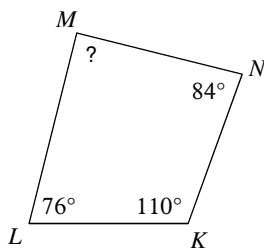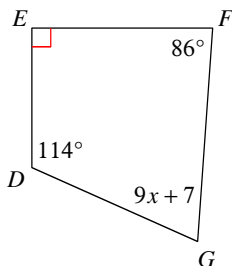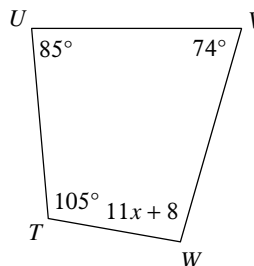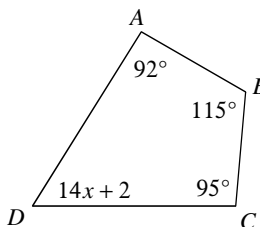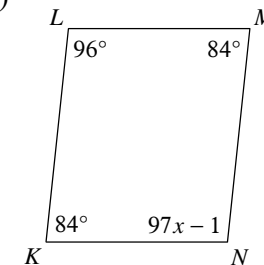
11)
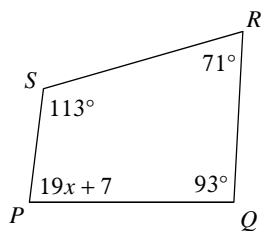
12)
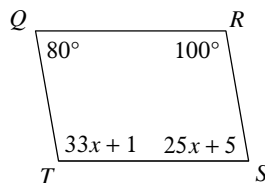
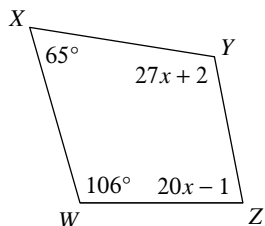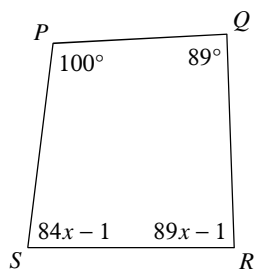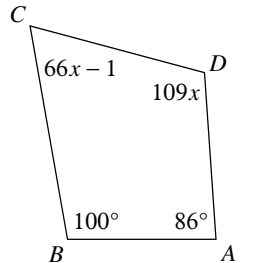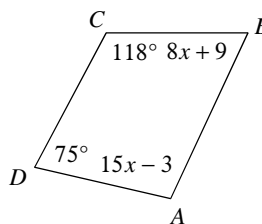**Solve for x and then substitute to find the measure of the angle indicated.**

13) $m\angle C$
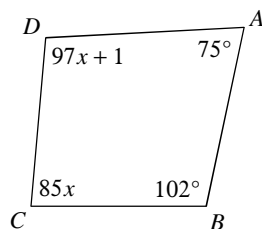
14) $m\angle C$
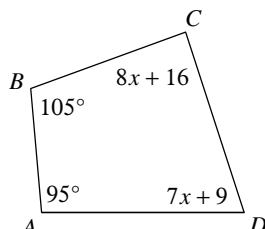
15) $m\angle V$

16) $m\angle Z$

17) $m\angle R$

18) $m\angle D$

19) $m\angle B$

20) $m\angle G$