Practice 6-2
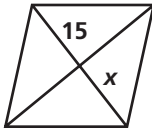
Properties of Parallelograms

Find the value of *x* in each parallelogram.
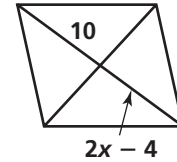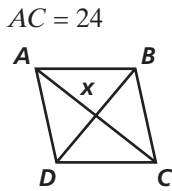
1. _____

15
x

2. _____

x − 4
28

3. _____

10
2x − 4

4. _____

AC = 24

A   B
x
D   C

5. _____

4x − 4
6x − 22

6. _____

x = EG

E   F
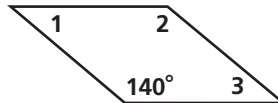4
H   G
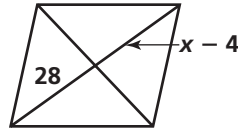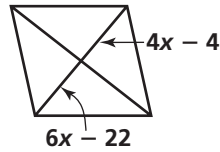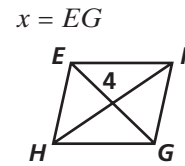
Find the measures of the numbered angles for each parallelogram.

7. _____

1
80°

8. _____

1   2
140°   3

9. _____
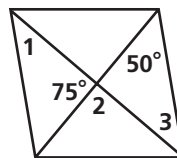

1   22°
45°
2
3   113°

10. _____

2   115°
50°
1   3

11. _____

1
50°
75°
2
3

12. _____

1   3
2
82°
30°
50°
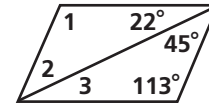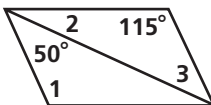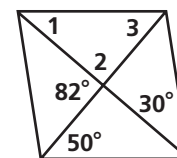
Find the length of $\overline{TI}$ in each parallelogram.

13. _____

T   I
18
E   16   L

14. _____

OR = $\frac{7}{8}$IO

I   O
T   40   R

15. _____

TR = 14, ME = 31

T   M
R
E   I