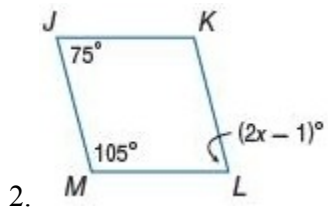


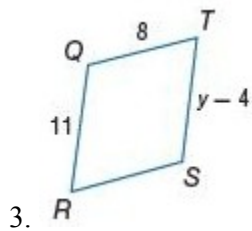
6-2 Parallelograms

ALGEBRA Find the value of each variable in each parallelogram.



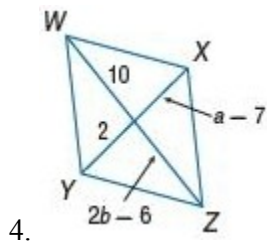
ANSWER:

38



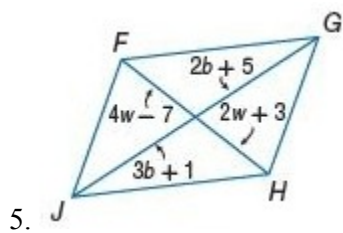
ANSWER:

15



ANSWER:

$a = 9, b = 8$

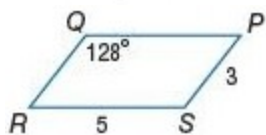


ANSWER:

$w = 5, b = 4$

6-2 Parallelograms

Use $\square PQRS$ to find each measure.



9. $m\angle R$

ANSWER:

52

10. QR

ANSWER:

3

11. QP

ANSWER:

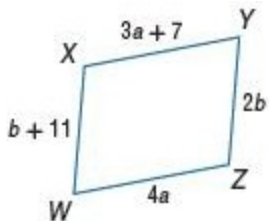
5

12. $m\angle S$

ANSWER:

128

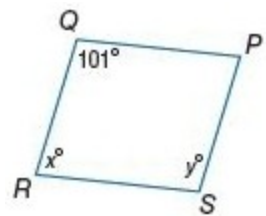
ALGEBRA Find the value of each variable in each parallelogram.



15.

ANSWER:

$a = 7, b = 11$

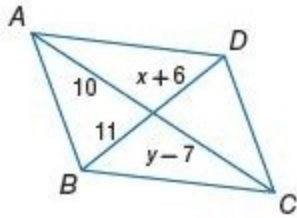


16.

ANSWER:

$x = 79, y = 101$

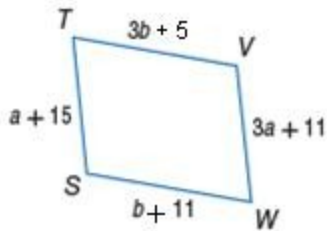
6-2 Parallelograms



17.

ANSWER:

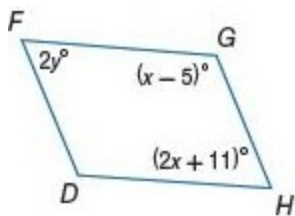
$$x = 5, y = 17$$



18.

ANSWER:

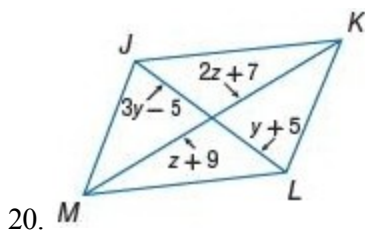
$$a = 2, b = 3$$



19.

ANSWER:

$$x = 58, y = 63.5$$



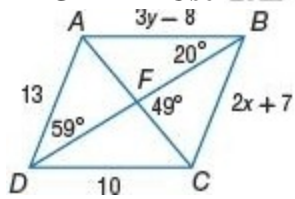
20.

ANSWER:

$$z = 2, y = 5$$

6-2 Parallelograms

ALGEBRA Use $\square ABCD$ to find each measure or value.



31. x

ANSWER:

3

32. y

ANSWER:

6

33. $m\angle AFB$

ANSWER:

131

34. $m\angle DAC$

ANSWER:

72

35. $m\angle ACD$

ANSWER:

29

36. $m\angle DAB$

ANSWER:

101

The measure of an interior angle of a regular polygon is given. Find the number of sides in the polygon.

50. 108

ANSWER:

5

51. 140

ANSWER:

9

52. ≈ 147.3

ANSWER:

11

6-2 Parallelograms

53. 160

ANSWER:

18

54. 135

ANSWER:

8

55. 176.4

ANSWER:

100