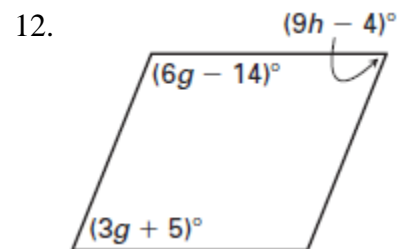
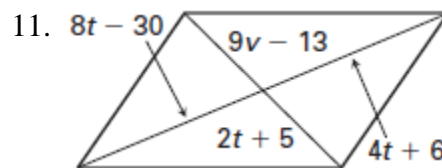
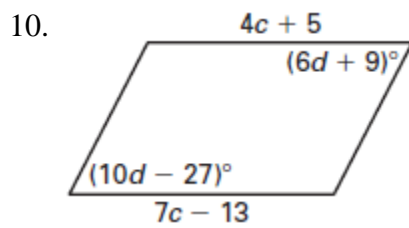
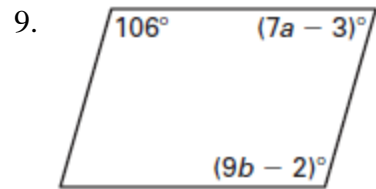
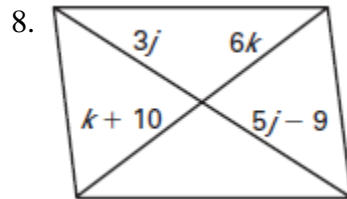
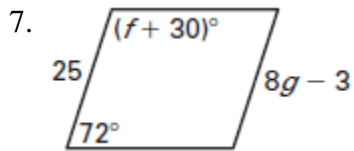
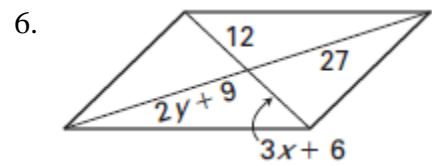
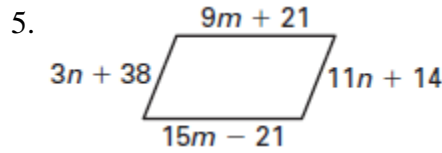
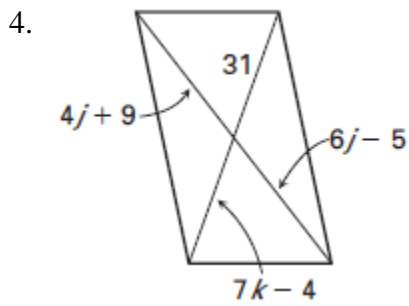
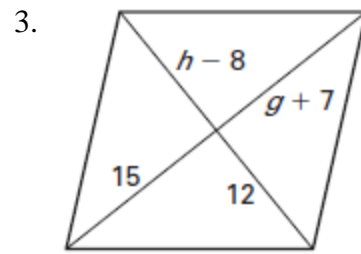
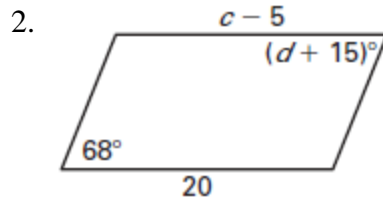
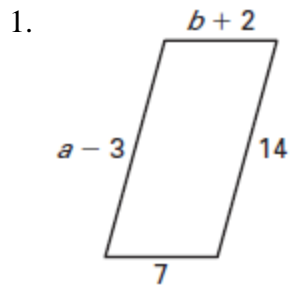


Name \_\_\_\_\_ Hour \_\_\_\_\_

Find the value of each variable in the parallelogram.



# Parallelograms #1

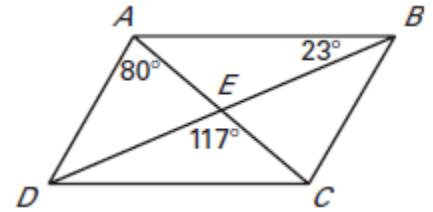
Find the indicated angle measure in  $\square ABCD$ .

13.  $m\angle AEB$

14.  $m\angle BAE$

15.  $m\angle BCD$

16.  $m\angle ADC$



17. Find the sum of the interior angles of a decagon.

18. Find the measure of an exterior angle of a regular octagon.

19. Find the sum of the exterior angles of an 11-gon.

20. Find the measure of an interior angle of a regular heptagon.

21. The sum of the interior angles of a polygon is  $2520^\circ$ . Classify the polygon by the number of sides.

22. The measure of an exterior angle of a regular polygon is  $72^\circ$ . Classify the polygon by the number of sides.

23. The measure of an interior angle of a regular polygon is  $160^\circ$ . Classify the polygon by the number of sides.

Find the value of  $x$ .

