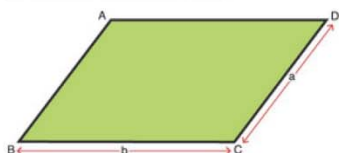


Name :

Class :

## Perimeter of Parallelograms and Rhombus

Perimeter of a Parallelogram

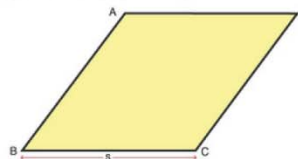


Formula: Perimeter (P) =  $2(a + b)$

Note: a & b are the sides,  
In  $\square ABCD$ ,  $a = AB = CD$ ,  $b = BC = DA$

The perimeter of a parallelogram is the sum of all its sides.  $P = 2(a+b)$  and The perimeter of a rhombus is the total length of its outer boundary  $p = 4a$

Perimeter of a Rhombus

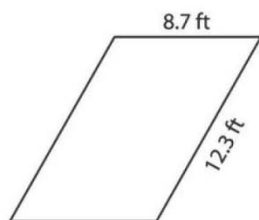


Formula: Perimeter (P) =  $4s$

Note: s = side  
In  $\square ABCD$ ,  $s = AB = BC = CD = DA$

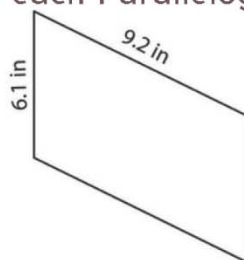
Calculate the Perimeter for each Parallelogram and Rhombus.

1



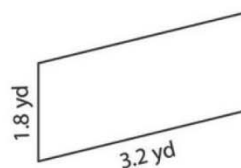
**P=42 ft**

2



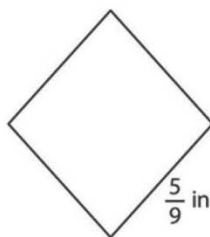
**P=30.6 in**

3



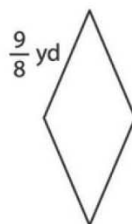
**P=10 yd**

4



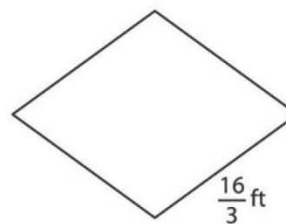
**P=2.22 in**

5



**P=4.5 yd**

6



**P=21.33 ft**

7 If the lengths of the adjacent sides of a parallelogram are 15.8 feet and 20.6 feet, determine the perimeter of the parallelogram.

**P=72.8 ft**

8 Determine the perimeter of the rhombus whose side length is  $\frac{5}{6}$  yards.

**P=3.33 yd**