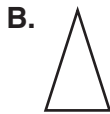
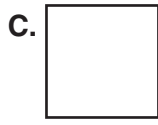
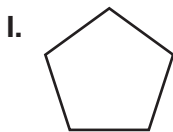
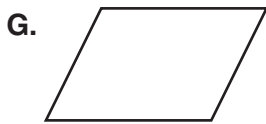
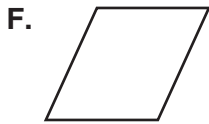


**GRADE 10** **Focus on Sunshine State Standards: Benchmark Tests**  
**MA.912.G.3.1 Benchmark Pre-Test (Multiple Choice)**

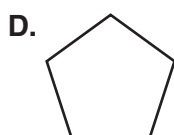
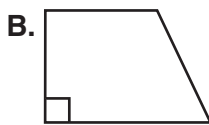
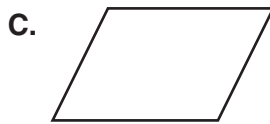
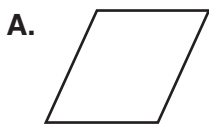
1. Which figure is a quadrilateral with equal sides but no right angles?



2. Which figure is a parallelogram with four right angles?



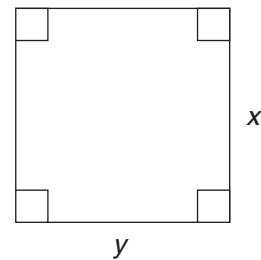
3. Which figure is a trapezoid?



4. Which figure is a rectangle with four congruent sides?



5. Which of the following names cannot be used to describe the figure if  $x \neq y$ ?



- A. rhombus
- B. rectangle
- C. quadrilateral
- D. parallelogram

**GRADE 10 Focus on Sunshine State Standards: Benchmark Tests**  
**10 MA.912.G.3.1 Benchmark Pre-Test (Multiple Choice)**

6. Figure  $ABCD$  is a parallelogram and none of its angles has a measure of  $90^\circ$ . Which statement is NOT a valid conclusion?

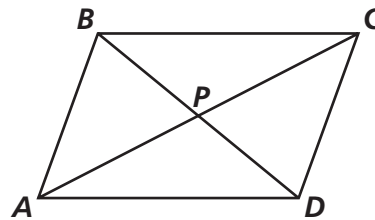


- F.  $m\angle A = m\angle C$   
 G.  $2(m\angle A) + 2(m\angle B) = 360^\circ$   
 H.  $m\angle C + m\angle D = 180^\circ$   
 I.  $m\angle A = 180^\circ - m\angle C$
7. Figure  $MNOP$  is a parallelogram whose diagonals are different lengths. Which statement is a valid conclusion?
- A. Figure  $MNOP$  must be a rectangle.  
 B. Figure  $MNOP$  could be a rectangle.  
 C. Figure  $MNOP$  cannot be a rectangle.  
 D. Figure  $MNOP$  could be a square.
8. Figure  $ABCD$  is a parallelogram and the measure of  $\angle C = 90^\circ$ . Which statement is NOT a valid conclusion?
- F.  $\overline{AB} = \overline{BC}$   
 G.  $m\angle C = m\angle D$   
 H.  $\overline{AC} = \overline{BD}$   
 I.  $m\angle A = 180^\circ - m\angle C$

9. Figure  $WXYZ$  is a parallelogram whose diagonals are of equal length. Which statement is a valid conclusion?

- A. Figure  $WXYZ$  must be a rectangle.  
 B. Figure  $WXYZ$  must be a triangle.  
 C. Figure  $WXYZ$  must be a rhombus.  
 D. Figure  $WXYZ$  could be a trapezoid.

10. The diagonals of parallelogram  $ABCD$  intersect at point  $P$ .



Which statement is NOT correct?

- F.  $\overline{BP} \cong \overline{PD}$   
 G.  $\overline{BC} \cong \overline{AD}$   
 H.  $\overline{AP} \cong \overline{PC}$   
 I.  $\overline{BP} \cong \overline{AP}$