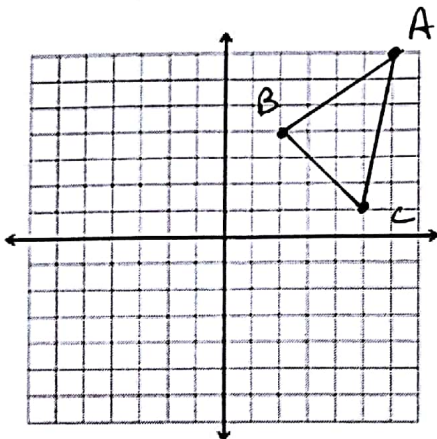


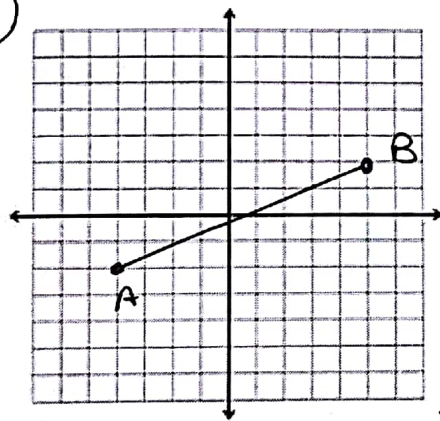
SECTION 6.2 (CONT'D)

①



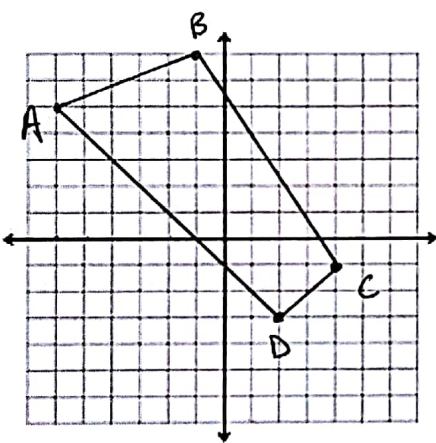
FIND PERIMETER OF  $\triangle ABC$  TO NEAREST 10th.

②



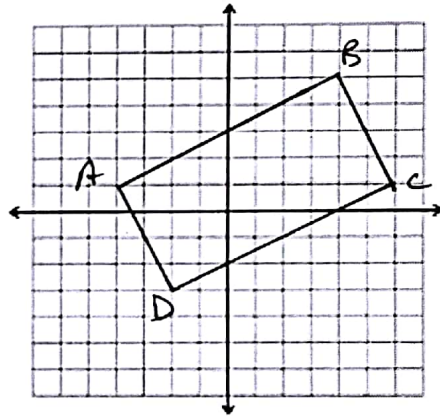
- Ⓐ FIND MIDPOINT OF  $\overline{AB}$
- Ⓑ FIND SLOPE OF  $\overline{AB}$
- Ⓒ FIND LENGTH OF  $\overline{AB}$  (10th)

③



FIND THE PERIMETER OF ~~THE~~ POLYGON ABCD TO NEAREST 10th.

④



- Ⓐ FIND THE PERIMETER OF RECTANGLE ABCD TO THE NEAREST 10th.
- Ⓑ FIND THE AREA OF RECTANGLE ABCD TO THE NEAREST 10th.

⑤ GIVEN  $A(-3, 2)$  AND  $B(4, -5)$ , FIND THE LENGTH OF  $\overline{AB}$  TO THE NEAREST 10th.

⑥ FIND THE MIDPOINT OF  $\overline{AB}$  IN PROBLEM ⑤.

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Section 6.3  
**Consecutive Integer Word Problems**

Consecutive Integers: \_\_\_\_\_

*Example:*

Consecutive Even Integers: \_\_\_\_\_

*Example:*

Consecutive Odd Integers: \_\_\_\_\_

*Example:*

**Write an equation to represent the given relationship. Solve the equation and answer the question.**

1. The sum of three consecutive integers is 39. Find the integers.
2. The sum of three consecutive odd integers is 45. What are the integers?
3. The sum of four consecutive even integers is  $-44$ . Find the integers.
4. The smaller of two consecutive even integers is five more than one half of the greater. Find the integers.

**Write an equation to represent the given relationship. Solve the equation and answer the question.**

5. The sum of three consecutive even integers is 72. What are the integers?
  
  
  
  
  
  
  
  
  
  
6. The sum of four consecutive integers is 90. Find the integers.
  
  
  
  
  
  
  
  
  
  
7. The sum of three consecutive integers is  $-51$ . What are the integers?
  
  
  
  
  
  
  
  
  
  
8. The sum of three consecutive even integers is 30 more than the largest. What are the integers?
  
  
  
  
  
  
  
  
  
  
9. The greater of two consecutive odd integers is one less than twice the smaller. Find the integers.
  
  
  
  
  
  
  
  
  
  
10. The largest of three consecutive even integers is three times the smallest. Find the integers.

**Write an equation to represent the given relationship. Solve the equation.**

11. The product of two consecutive integers is 42.
  
  
  
  
  
  
  
  
  
  
12. The product of two consecutive integers is 30.

13. The product of two consecutive even integers is 80.

14. The product of two consecutive integers is 72.

15. The product of two consecutive odd integers is 195.

16. The product of two consecutive integers is 132.