

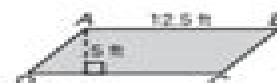
11 Chapter 11 Test, Form 1

Write the letter for the correct answer in the blank at the right of each question.

1. Find the area of parallelogram $ABCD$. Round to the nearest tenth.

A. 17.5 ft^2
B. 31.25 ft^2

C. 35 ft^2
D. 62.5 ft^2



1. _____

2. Find the area of parallelogram $WXYZ$. Round to the nearest tenth.

F. 27 in^2
G. 45 in^2

H. 63.6 in^2
J. 81 in^2



2. _____

3. What is the best classification of quadrilateral $PQRS$ with vertices $P(2, 2)$, $Q(-1, 2)$, $R(-1, -3)$, and $S(2, -3)$?

A. square
B. rectangle

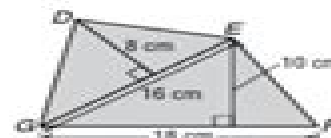
C. parallelogram
D. none of these

3. _____

4. Find the area of quadrilateral $DEFG$.

F. 154 cm^2
G. 218 cm^2

H. 244 cm^2
J. 308 cm^2



4. _____

5. Find the area of trapezoid $ABCD$ with vertices $A(1, -2)$, $B(5, -2)$, $C(4, 4)$, and $D(1, 4)$.

A. 6.5 units^2
B. 14 units^2

C. 21 units^2
D. 36 units^2

5. _____

6. Find the area of rhombus $ABCD$ with vertices $A(-1, 3)$, $B(3, 0)$, $C(-1, -3)$, and $D(-5, 0)$.

F. 8 units^2
G. 24 units^2

H. 26 units^2
J. 32 units^2

6. _____

7. Find the area of a regular octagon with a perimeter of 96 centimeters.

A. about 695.3 cm^2
B. about 576 cm^2

C. about 532 cm^2
D. about 119.3 cm^2

7. _____

8. Find the area of an equilateral triangle with a side length of 14 inches.

F. about 12.1 in^2
G. about 42 in^2

H. about 84.9 in^2
J. about 254.6 in^2

8. _____

9. Find the area of a circle with a circumference of 20π .

A. 400π
B. 314π

C. 200π
D. 100π

9. _____

Geometry Chapter11 Test A Answer Key

Yan Bai



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