GEOMETRY NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

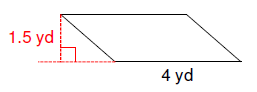
WS Area and perimeter formulas Period \_\_\_\_\_

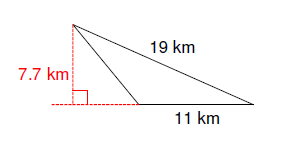
How to find …

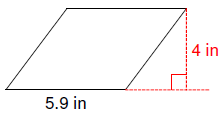
|  |  |
| --- | --- |
| the area of a **Rectangle** | the area of a **Triangle** |
| the area of a **Square** | the area of a **Parallelogram** |
| the area of a **Rhombus** | the area of a **Kite** |
| the area of a **Regular Polygon** | the area of a **Trapezoid** |
| the area of a **Circle** | **Circumference** (perimeter) of a **Circle** |

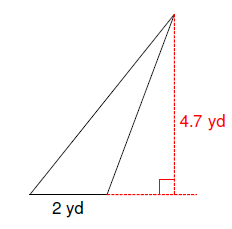
Find the area of each shape:

1. 2. 3. 4.



5. 6. 7. 8.



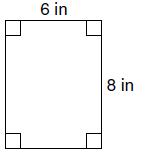


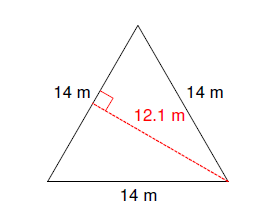
9. 10. 11. 12.

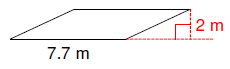


13. 14. 15. 16.

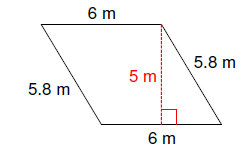
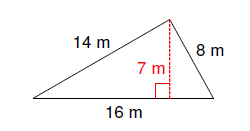
17. 18. 19. 20.

21. 22. 23. 24.

25. 26. 27. 28.



29. 30. 31. 32.



33. What is the area of a rectangle with a base of 5 inches and a height of 8 inches?

34. What is the area of a triangle with base 10m and height 12m?

35. What is the area of a rhombus with diagonals 12in and 20 in?

36. What is the area of a parallelogram with base 4ft and height 6in?

37. What is the area of a circle with a radius of 8m?

38. What is the perimeter of the shape in #24?

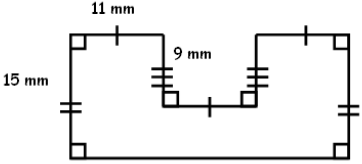
39 What is the perimeter of the shape in #25?

40. A rectangle has an area of 24u2, and a height of 8u. What is the length of the base?

41. What is the perimeter of the shape in #3

42. What is the perimeter of the shape in #4?

43. A triangle has an area of 50in2, and a height of 25in. What is the length of the base?



44. Find the area: