

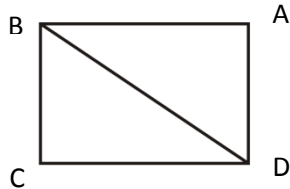
Name: _____

Date _____

Topic : Area of Polygons and Circles- Worksheet 1

Find the area of the given figures

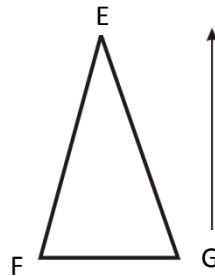
1.



$$CD = 3$$

$$BD = 6$$

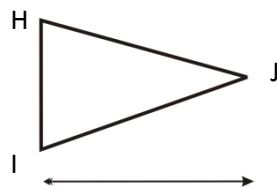
2.



$$FG = 9,$$

Arrow length 8.

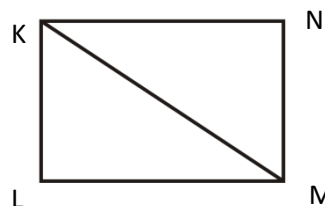
3.



$$HI = 9,$$

Arrow
length 12.

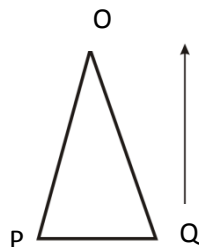
4.



$$KN = 14$$

$$KM = 15$$

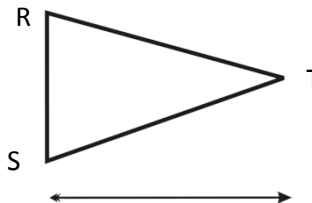
5.



$$PQ = 12,$$

Arrow
length 4.

6.



$$RS = 8,$$

Arrow length
18.

7. There is a garden in the form of a trapezoid whose sum of parallel sides are 20 and the height is 10. Find out the area of the garden?
8. There is a square with sides measuring 25. We have to make small squares with sides of 5. How many small squares can be formed from the bigger square?
9. The area of the circle is 154 sq units. Find the diameter of the circle.
10. The area of the bigger square is 289 sq units. Find the size of one side of the bigger square.



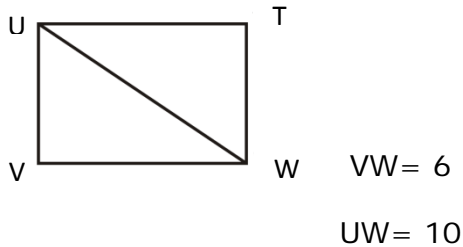
Name: _____

Date _____

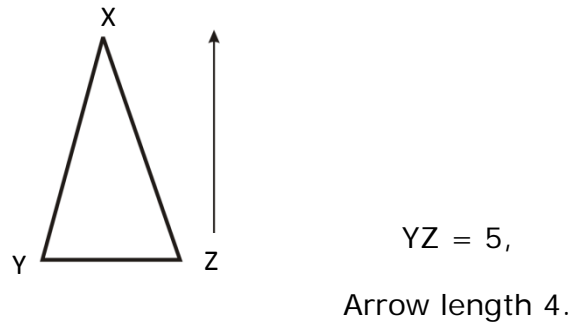
Topic : Area of Polygons and Circles- Worksheet 2

Find the area of the given figures

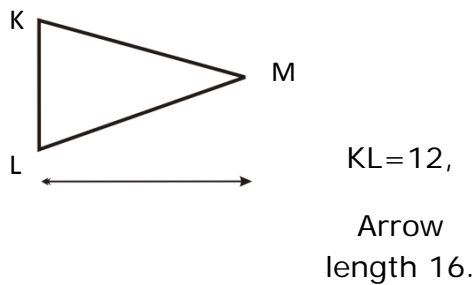
1.



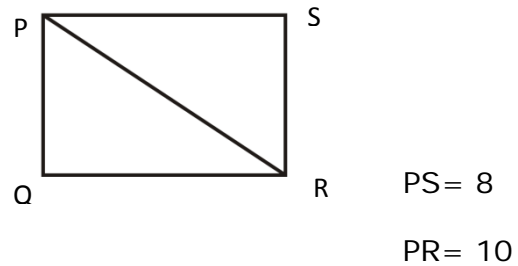
2.



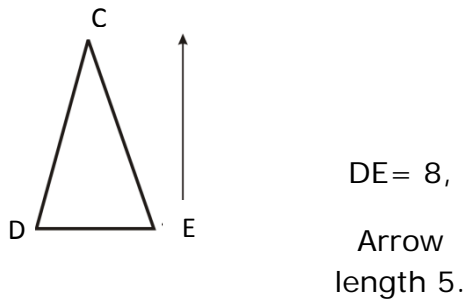
3.



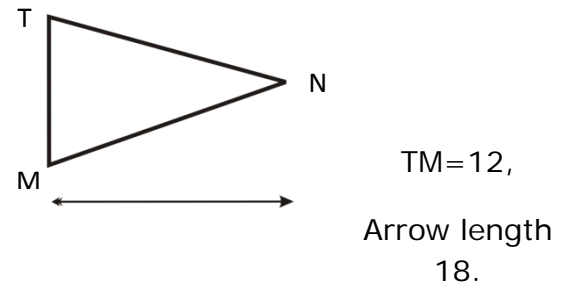
4.



5.



6.



7. There is a garden in the form of a trapezoid whose sum of parallel sides are 30 and the height is 15. Find out the area of the garden?
8. There is a square with a side size of 30 and we have to make smaller squares with sides the size of 5. How many small squares can be formed from the bigger square?
9. The area of the circle is 132 sq units. Find the diameter of the circle.
10. The area of the bigger square is 324 sq units. Find out the side size of the square side.



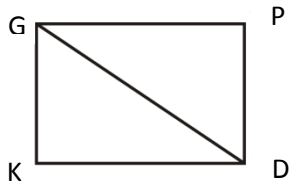
Name: _____

Date _____

Topic : Area of Polygons and Circles- Worksheet 3

Find the area of the given figures

1.



$$KD = 4$$

$$GD = 8$$

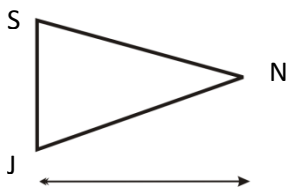
2.



$$HL = 6,$$

Arrow length 5.

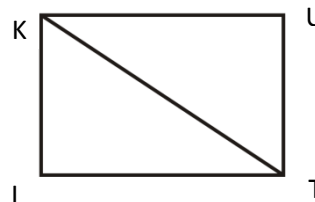
3.



$$SJ = 15,$$

Arrow
length 20.

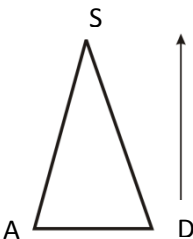
4.



$$KU = 9$$

$$KT = 12$$

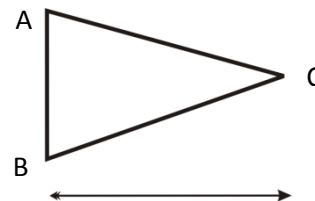
5.



$$AD = 18,$$

Arrow
length 6.

6.



$$AB = 9,$$

Arrow length
17.

7. There is a garden in the form of a trapezoid whose sum of parallel sides are 50 and the height is 25. Find out the area of the garden?
8. There is a square with sides of the length 16. We have to make smaller squares with sides the length of 4. How many smaller squares can be formed from the bigger square?
9. The area of the circle is 198 sq units. Find the diameter of the circle.
10. The area of the bigger square is 361 sq units. Find out the length of each side.



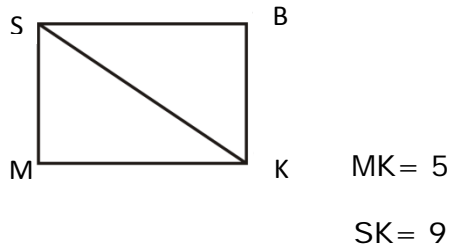
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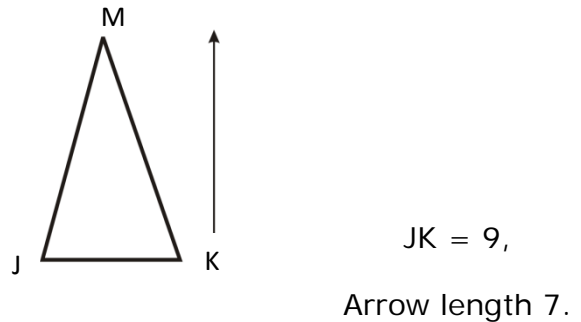
Topic : Area of Polygons and Circles- Worksheet 4

Find the area of the given figures

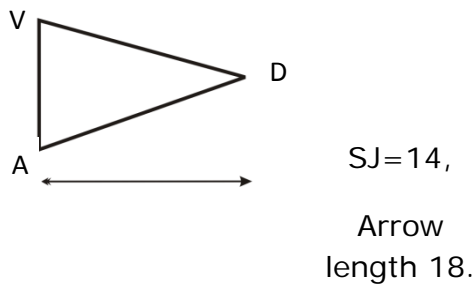
1.



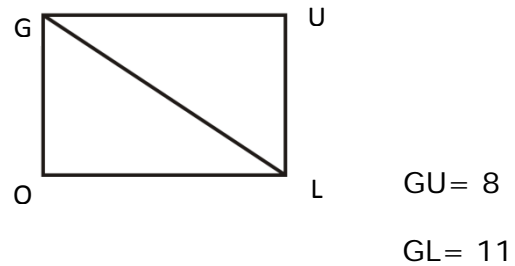
2.



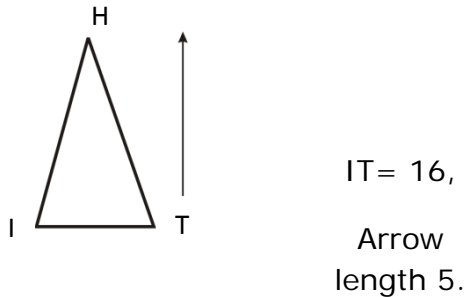
3.



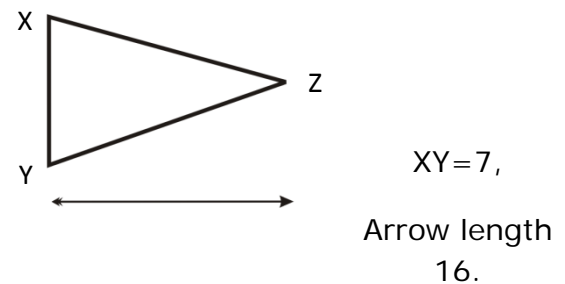
4.



5.



6.



7. There is a garden in the form of a trapezoid whose sum of parallel sides are 46 and the height is 23. Find out the area of the garden?
8. There is a square with a side length of 18. We have to make small squares with sides that have a length of 3. How many smaller squares can be formed from the bigger square?
9. The area of a circle is 286 sq units. Find the diameter of the circle.
10. The area of the bigger square is 225 sq units. Find the side length for the bigger square.



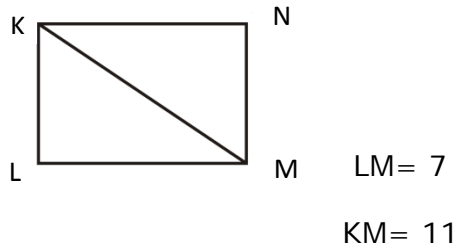
Name: _____

Date _____

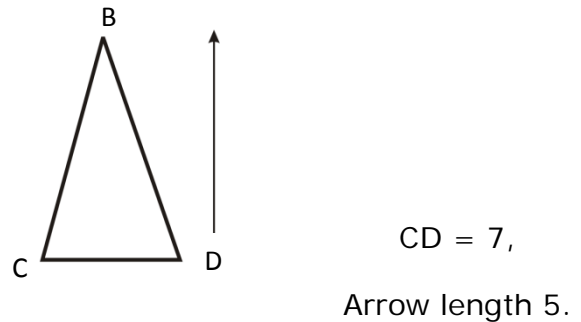
Topic : Area of Polygons and Circles- Worksheet 5

Find the area of the given figures

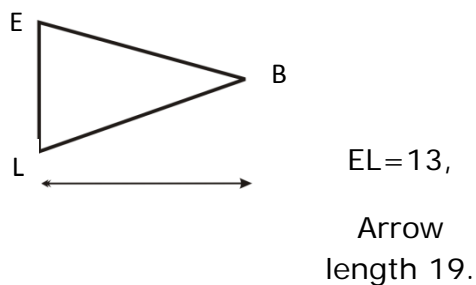
1.



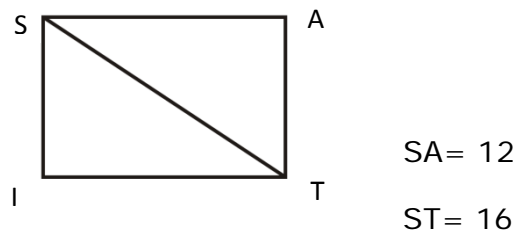
2.



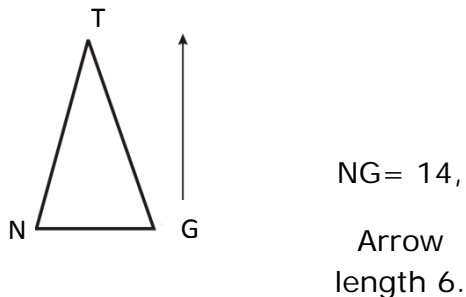
3.



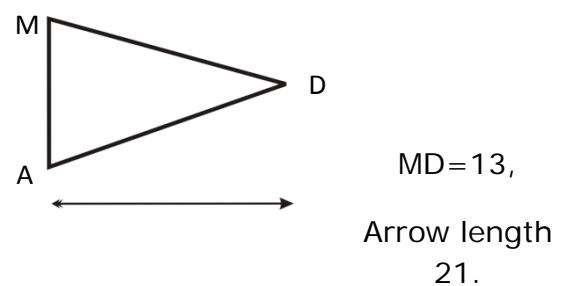
4.



5.



6.



7. There is a garden in the form of a trapezoid whose sum of parallel sides are 36 and the height is 18. Find out the area of the garden?
8. There is a square that is 225 sq units. We have to make small squares with side lengths of 4. How many squares can be formed from the bigger square?
9. The area of a circle is 132 sq units. Find the diameter of the circle.
10. The area of the bigger square is 441 sq units. Find out the side length of the bigger square.

