

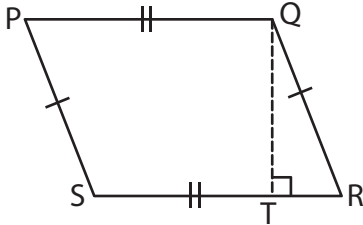
Name : \_\_\_\_\_

## Area – Mixed Shapes

L3S3

Find the area of each shape. (Use  $\pi = 3.14$ )

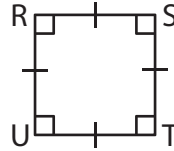
1)



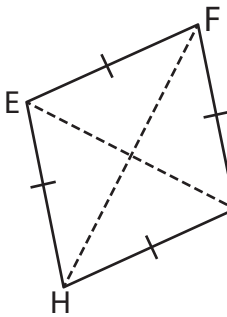
$QT = 15$  yd ;  $PQ = 21$  yd

Area = \_\_\_\_\_

2)



4)



$FH = 18$  in ;  $EG = 11$  in

Area = \_\_\_\_\_

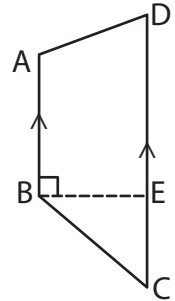
7) Determine the area of

\_\_\_\_\_

8) The diagonals of a kite measure 17 yards and 25 yards. What is the area of the kite?

\_\_\_\_\_

3)



$AB = 17$  in ;  $DC = 23$  in  
 $BE = 14$  in

Area = \_\_\_\_\_

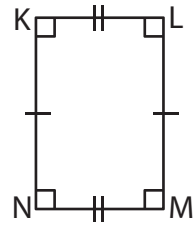
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$KL = 6$  ft ;  $LM = 9$  ft

Area = \_\_\_\_\_

Name : \_\_\_\_\_

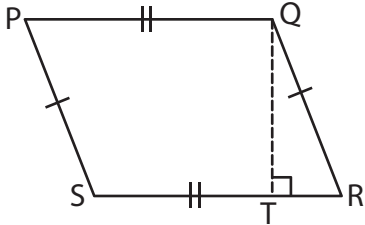
## Answer key

### Area – Mixed Shapes

L3S3

Find the area of each shape. (Use  $\pi = 3.14$ )

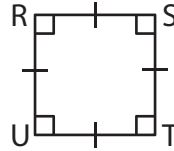
1)



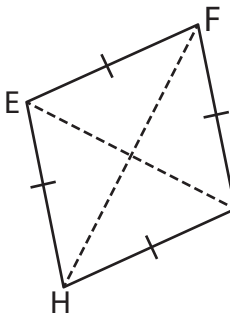
$QT = 15 \text{ yd}$  ;  $PQ = 21 \text{ yd}$

Area = 315 yd<sup>2</sup>

2)



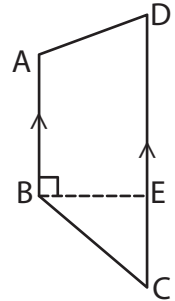
4)



$FH = 18 \text{ in}$  ;  $EG = 11 \text{ in}$

Area = 99 in<sup>2</sup>

3)



$AB = 17 \text{ in}$  ;  $DC = 23 \text{ in}$   
 $BE = 14 \text{ in}$

Area = 280 in<sup>2</sup>

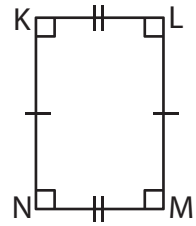
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$KL = 6 \text{ ft}$  ;  $LM = 9 \text{ ft}$

Area = 54 ft<sup>2</sup>

7) Determine the area of

314 square feet

8) The diagonals of a kite measure 17 yards and 25 yards. What is the area of the kite?

212.5 square yards