10-1 Area of multiple shapes

Name: _____   Time› Start: _____ Finish: _____   Total Time = _____

Give the area of each figure below. Find the area of the shaded region for #3, 5-8, 10
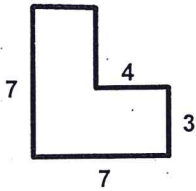
Figure 1
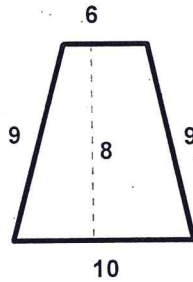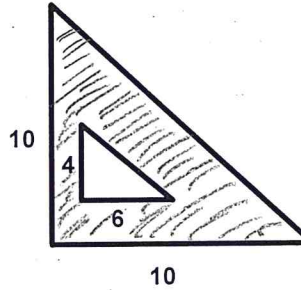
Figure 2
6
9   8   9
10

Figure 3
10
4
6
10

Figure 4
10
3
10
7

Figure 1
7   4
3
7

Figure 5
3   8

Figure 6
10
4

Figure 7
10
3
6
8

Figure 8
6
6

Figure 9
6
2
13
13
10

Figure 10
3   5
8
6
6
10

Figure 11
14

Figure 12
6
8   10
10

Figure 1 = _____   Figure 2 = _____   Figure 3 = _____   Figure 4 = _____
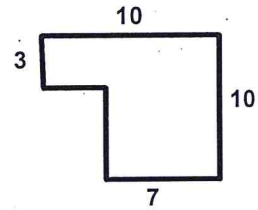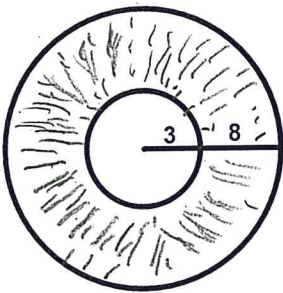
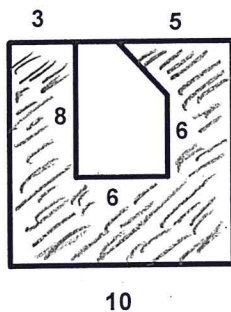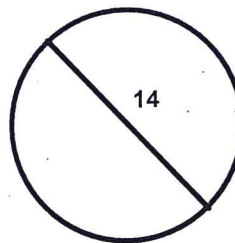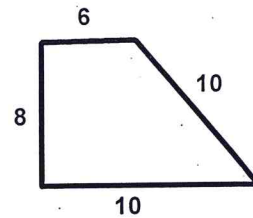Figure 5 = _____   Figure 6 = _____   Figure 7 = _____   Figure 8 = _____
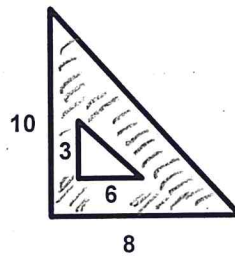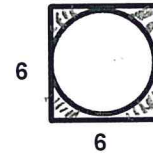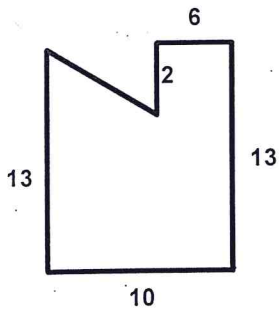
Figure 9 = _____   Figure 10 = _____   Figure 11 = _____   Figure 12 = _____

SAT Questions – All have videos

_____ Trig 1-5   25. If b represents a positive integer, which of the following expressions necessarily represents an even integer?
A. $2b$
B. $b + 2$
C. $2b + 1$
D. $3b$
E. $2b - 1$

_____ Trig 2-2   9. If $a, b, c,$ and d are consecutive multiples of 5, and $a < b < c < d$, what is the value of $(a - c)(d - b)$?
A. -100
B. -25
C. 0
D. 50
E. 100

_____ Trig 2-2   10. The lengths of two sides of a triangle are 5 and 7. If the length of the third side is an integer, what is the least possible perimeter of the triangle?
A. 12
B. 13
C. 14
D. 15
E. 17