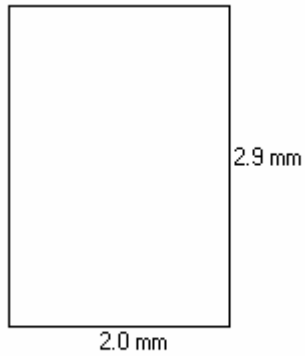


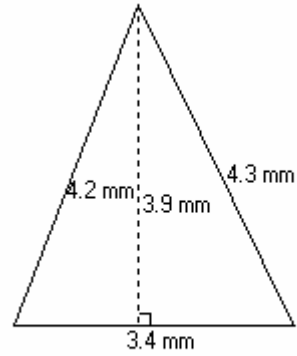
## Area and Perimeter of Various Shapes (A)

Instructions: Find the area and perimeter of each shape.

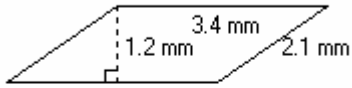
1)



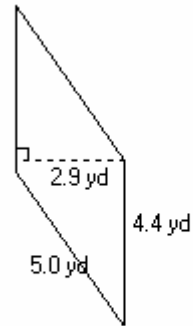
2)



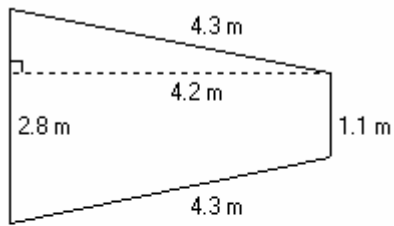
3)



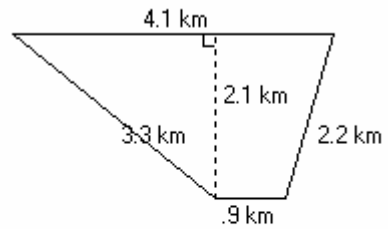
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (A)

Instructions: Find the area and perimeter of each shape.

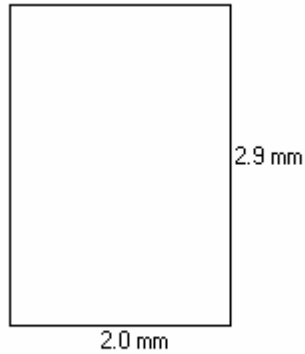
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

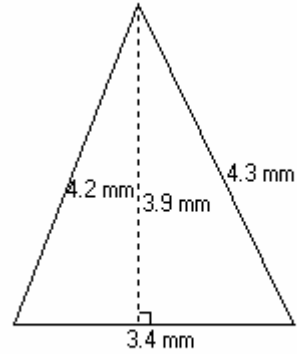
1)



$$A = 2.0 \times 2.9 = 5.8 \text{ mm}^2$$

$$P = 2 \times (2.0 + 2.9) = 9.8 \text{ mm}$$

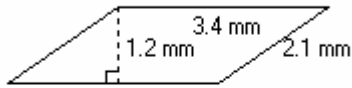
2)



$$A = 0.5 \times 3.4 \times 3.9 = 6.63 \text{ mm}^2$$

$$P = 3.4 + 4.2 + 4.3 = 11.9 \text{ mm}$$

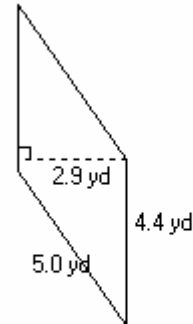
3)



$$A = 3.4 \times 1.2 = 4.1 \text{ mm}^2$$

$$P = 2 \times (3.4 + 2.1) = 11.0 \text{ mm}$$

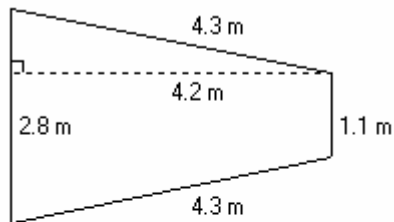
4)



$$A = 4.4 \times 2.9 = 12.8 \text{ yd}^2$$

$$P = 2 \times (4.4 + 5.0) = 18.8 \text{ yd}$$

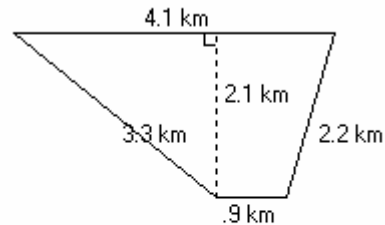
5)



$$A = 0.5 \times (2.8 + 4.3) \times 4.2 = 12.2 \text{ m}^2$$

$$P = 2.8 + 1.1 + 4.3 + 4.3 = 12.5 \text{ m}$$

6)



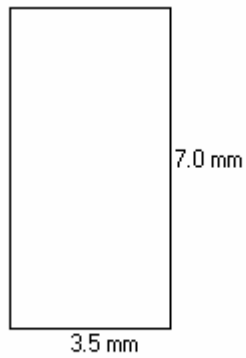
$$A = 0.5 \times (4.1 + 0.9) \times 2.1 = 5.2 \text{ km}^2$$

$$P = 4.1 + 0.9 + 3.3 + 2.2 = 10.5 \text{ km}$$

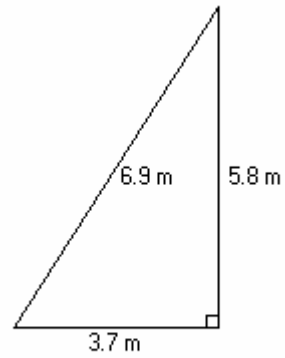
## Area and Perimeter of Various Shapes (B)

Instructions: Find the area and perimeter of each shape.

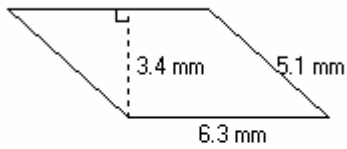
1)



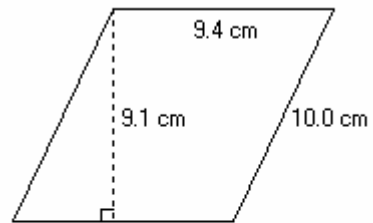
2)



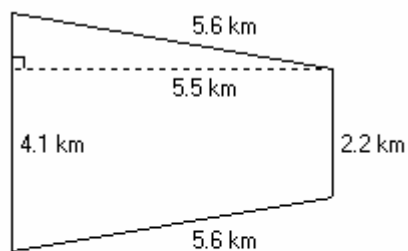
3)



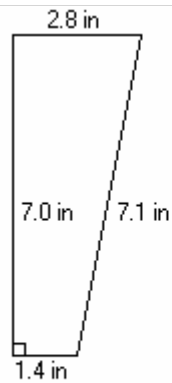
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (B)

Instructions: Find the area and perimeter of each shape.

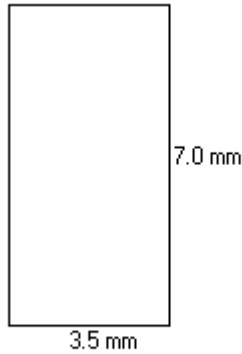
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

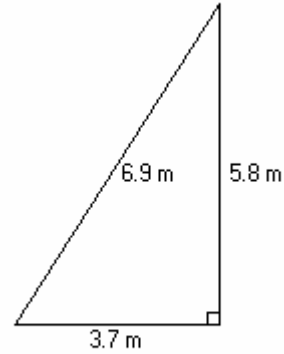
1)



$$A = 3.5 \times 7.0 = 24.5 \text{ mm}^2$$

$$P = 2 \times (3.5 + 7.0) = 21.0 \text{ mm}$$

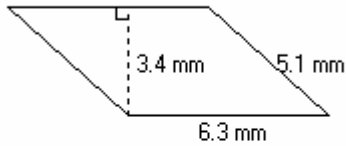
2)



$$A = 0.5 \times 3.7 \times 5.8 = 14.5 \text{ m}^2$$

$$P = 3.7 + 6.9 + 5.8 = 17.7 \text{ m}$$

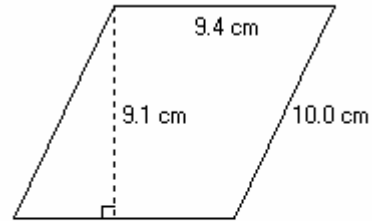
3)



$$A = 6.3 \times 3.4 = 21.4 \text{ mm}^2$$

$$P = 2 \times (6.3 + 5.1) = 22.8 \text{ mm}$$

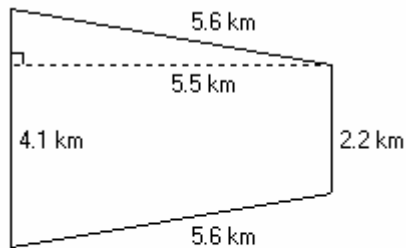
4)



$$A = 9.4 \times 9.1 = 85.5 \text{ cm}^2$$

$$P = 2 \times (9.4 + 10.0) = 38.8 \text{ cm}$$

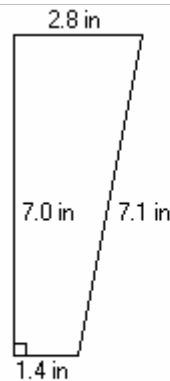
5)



$$A = 0.5 \times (4.1 + 2.2) \times 5.5 = 17.3 \text{ km}^2$$

$$P = 4.1 + 2.2 + 5.6 + 5.6 = 17.5 \text{ km}$$

6)



$$A = 0.5 \times (2.8 + 1.4) \times 7.0 = 14.7 \text{ in}^2$$

$$P = 2.8 + 1.4 + 7.0 + 7.1 = 18.3 \text{ in}$$

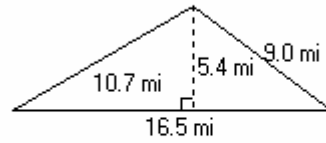
## Area and Perimeter of Various Shapes (C)

Instructions: Find the area and perimeter of each shape.

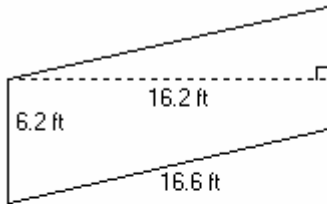
1)



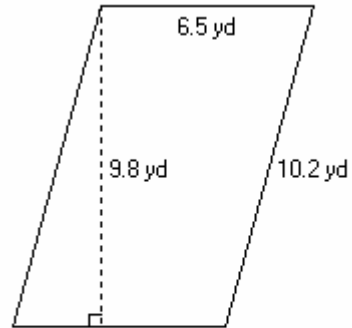
2)



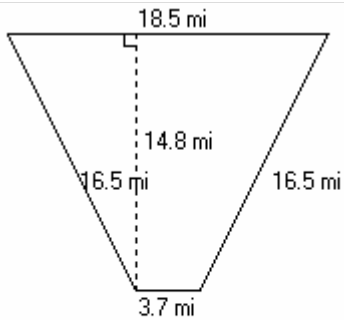
3)



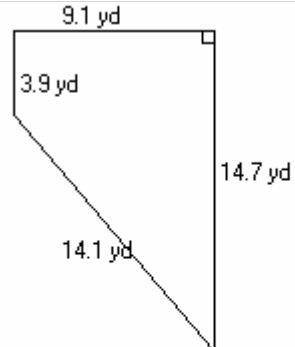
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (C)

Instructions: Find the area and perimeter of each shape.

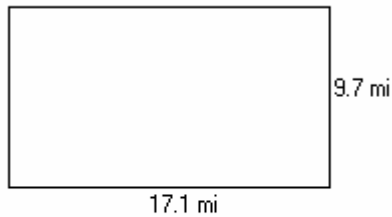
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

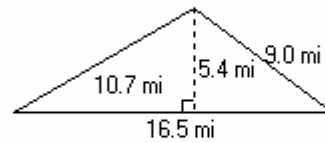
1)



$$A = 17.1 \times 9.7 = 165.9 \text{ mi}^2$$

$$P = 2 \times (17.1 + 9.7) = 53.6 \text{ mi}$$

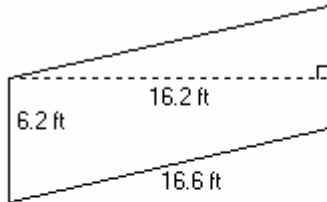
2)



$$A = 0.5 \times 16.5 \times 5.4 = 17.0 \text{ mi}^2$$

$$P = 16.5 + 10.7 + 9.0 = 26.0 \text{ mi}$$

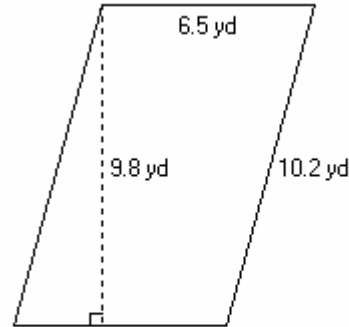
3)



$$A = 6.2 \times 16.2 = 100.4 \text{ ft}^2$$

$$P = 2 \times (6.2 + 16.6) = 45.6 \text{ ft}$$

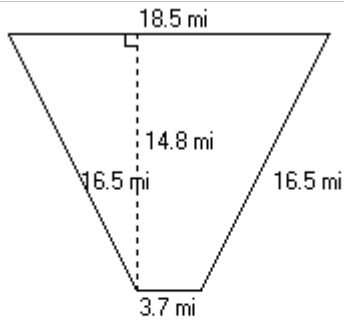
4)



$$A = 6.5 \times 9.8 = 63.7 \text{ yd}^2$$

$$P = 2 \times (6.5 + 10.2) = 33.4 \text{ yd}$$

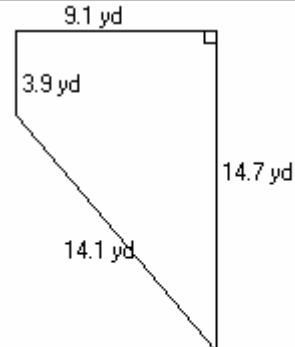
5)



$$A = 0.5 \times (18.5 + 3.7) \times 14.8 = 164.3 \text{ mi}^2$$

$$P = 18.5 + 3.7 + 16.5 + 16.5 = 55.2 \text{ mi}$$

6)



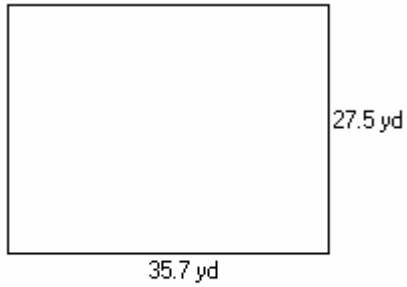
$$A = 0.5 \times (3.9 + 14.7) \times 9.1 = 84.6 \text{ yd}^2$$

$$P = 3.9 + 14.7 + 9.1 + 14.1 = 41.8 \text{ yd}$$

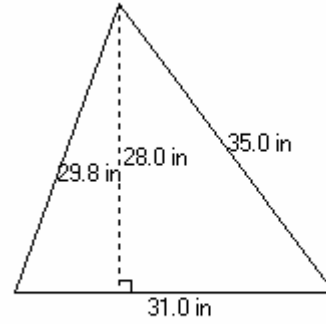
## Area and Perimeter of Various Shapes (D)

Instructions: Find the area and perimeter of each shape.

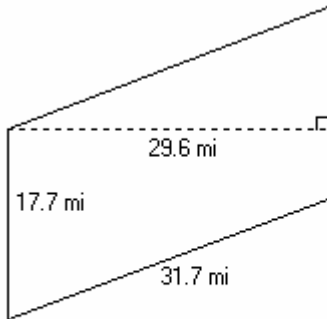
1)



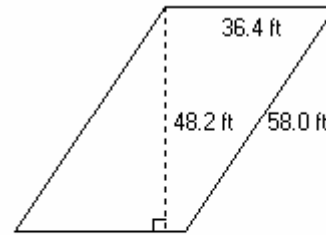
2)



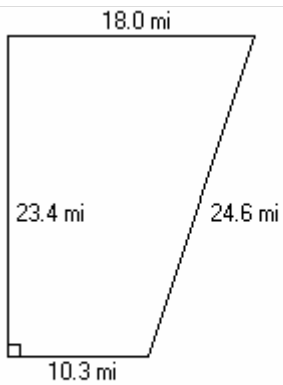
3)



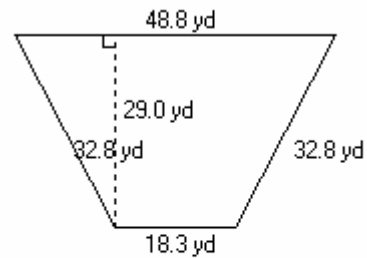
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (D)

Instructions: Find the area and perimeter of each shape.

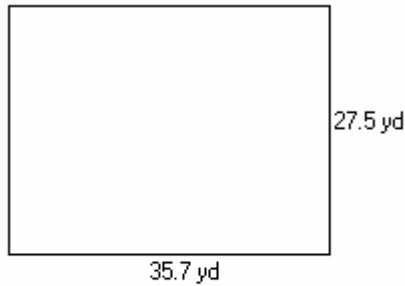
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

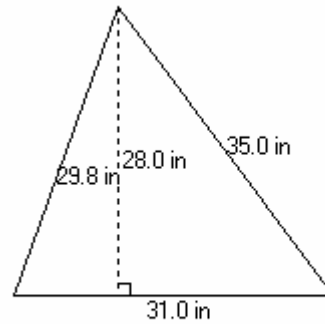
1)



$$A = 35.7 \times 27.5 = 981.8 \text{ yd}^2$$

$$P = 2 \times (35.7 + 27.5) = 126.4 \text{ yd}$$

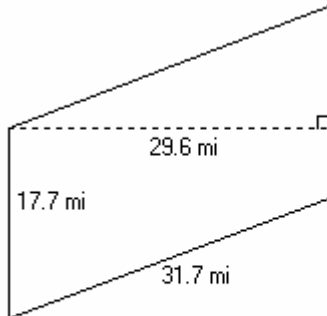
2)



$$A = 0.5 \times 31.0 \times 28.0 = 260.4 \text{ in}^2$$

$$P = 31.0 + 29.8 + 35.0 = 83.4 \text{ in}$$

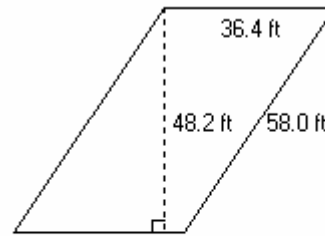
3)



$$A = 17.7 \times 29.6 = 523.9 \text{ mi}^2$$

$$P = 2 \times (17.7 + 31.7) = 98.8 \text{ mi}$$

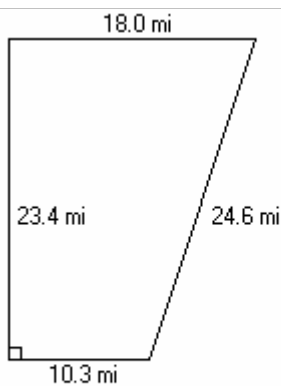
4)



$$A = 36.4 \times 48.2 = 1754.5 \text{ ft}^2$$

$$P = 2 \times (36.4 + 58.0) = 188.8 \text{ ft}$$

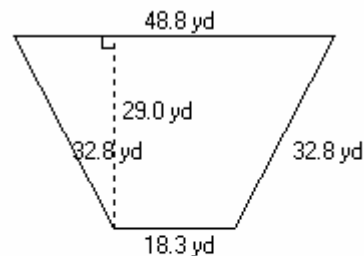
5)



$$A = 0.5 \times (18.0 + 10.3) \times 23.4 = 331.1 \text{ mi}^2$$

$$P = 18.0 + 10.3 + 23.4 + 24.6 = 76.3 \text{ mi}$$

6)



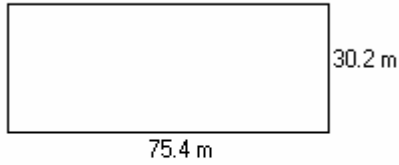
$$A = 0.5 \times (48.8 + 18.3) \times 29.0 = 973.0 \text{ yd}^2$$

$$P = 48.8 + 18.3 + 32.8 + 32.8 = 132.7 \text{ yd}$$

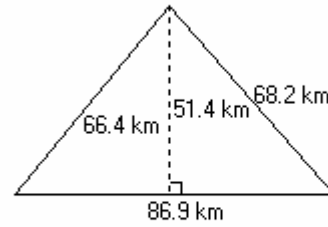
## Area and Perimeter of Various Shapes (E)

Instructions: Find the area and perimeter of each shape.

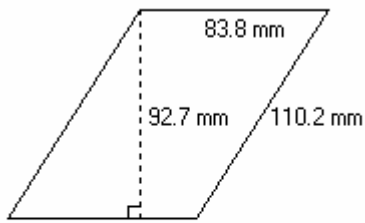
1)



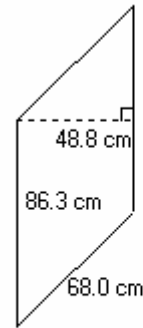
2)



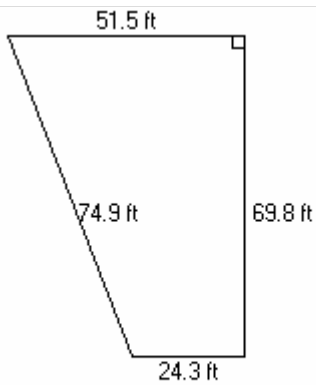
3)



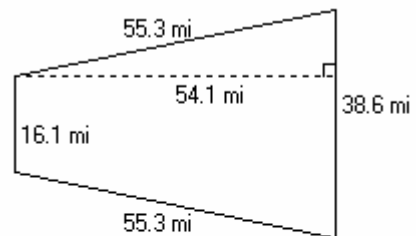
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (E)

Instructions: Find the area and perimeter of each shape.

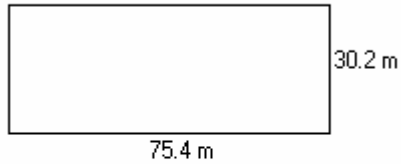
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

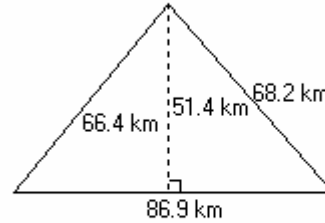
1)



$$A = 75.4 \times 30.2 = 2277.1 \text{ m}^2$$

$$P = 2 \times (75.4 + 30.2) = 211.2 \text{ m}$$

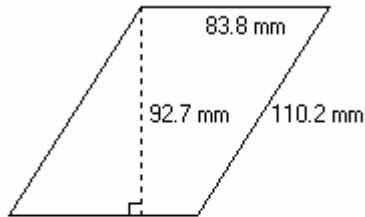
2)



$$A = 0.5 \times 86.9 \times 51.4 = 1724.5 \text{ km}^2$$

$$P = 86.9 + 66.4 + 68.2 = 201.7 \text{ km}$$

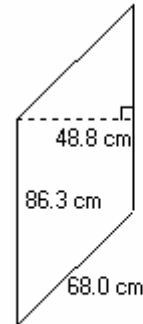
3)



$$A = 83.8 \times 92.7 = 7768.3 \text{ mm}^2$$

$$P = 2 \times (83.8 + 110.2) = 388.0 \text{ mm}$$

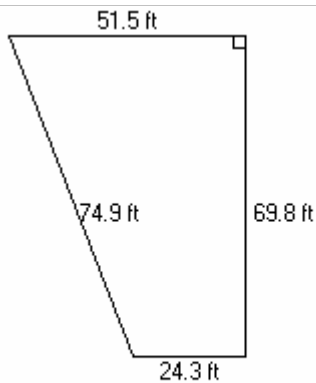
4)



$$A = 86.3 \times 48.8 = 4211.4 \text{ cm}^2$$

$$P = 2 \times (86.3 + 68.0) = 308.6 \text{ cm}$$

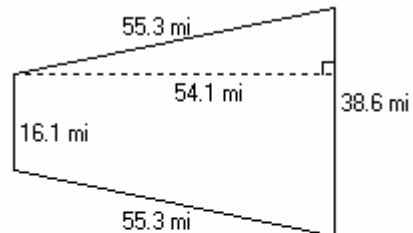
5)



$$A = 0.5 \times (51.5 + 24.3) \times 69.8 = 2645.4 \text{ ft}^2$$

$$P = 51.5 + 24.3 + 74.9 + 69.8 = 220.5 \text{ ft}$$

6)



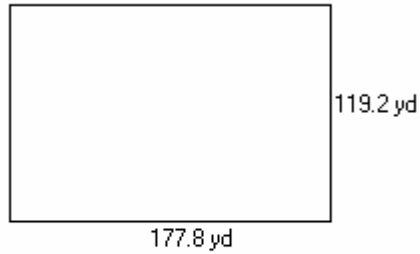
$$A = 0.5 \times (16.1 + 38.6) \times 54.1 = 1479.6 \text{ mi}^2$$

$$P = 16.1 + 38.6 + 55.3 + 55.3 = 165.3 \text{ mi}$$

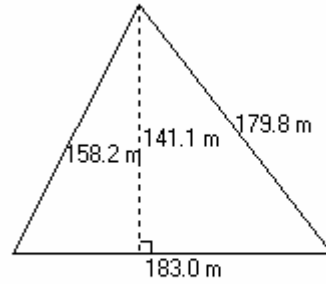
## Area and Perimeter of Various Shapes (F)

Instructions: Find the area and perimeter of each shape.

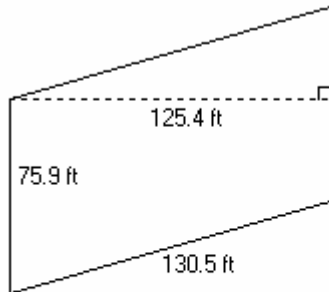
1)



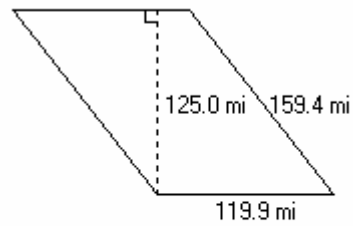
2)



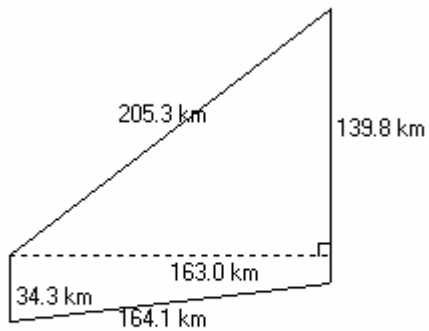
3)



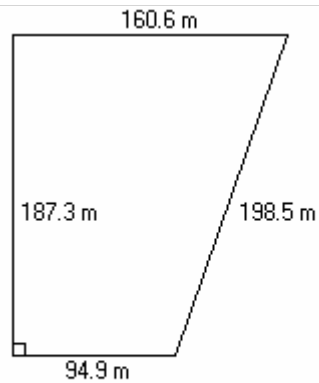
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (F)

Instructions: Find the area and perimeter of each shape.

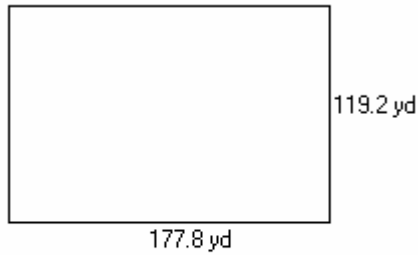
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

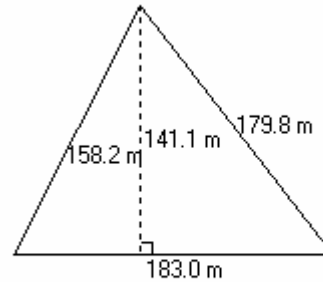
1)



$$A = 177.8 \times 119.2 = 21193.8 \text{ yd}^2$$

$$P = 2 \times (177.8 + 119.2) = 594.0 \text{ yd}$$

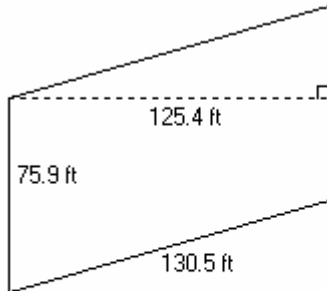
2)



$$A = 0.5 \times 183.0 \times 141.1 = 3859.1 \text{ m}^2$$

$$P = 183.0 + 158.2 + 179.8 = 392.7 \text{ m}$$

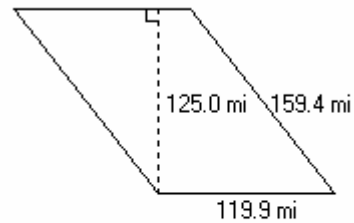
3)



$$A = 75.9 \times 125.4 = 9517.9 \text{ ft}^2$$

$$P = 2 \times (75.9 + 130.5) = 412.8 \text{ ft}$$

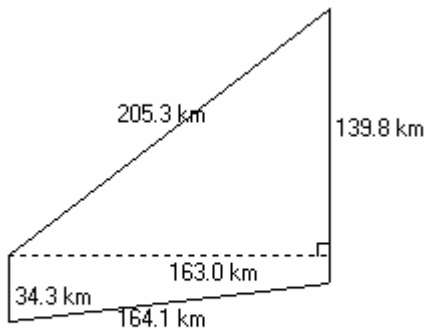
4)



$$A = 119.9 \times 125.0 = 14987.5 \text{ mi}^2$$

$$P = 2 \times (119.9 + 159.4) = 558.6 \text{ mi}$$

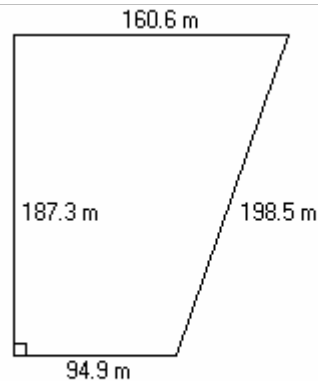
5)



$$A = 0.5 \times (34.3 + 139.8) \times 163.0 = 14189.2 \text{ km}^2$$

$$P = 34.3 + 139.8 + 205.3 + 164.1 = 543.5 \text{ km}$$

6)



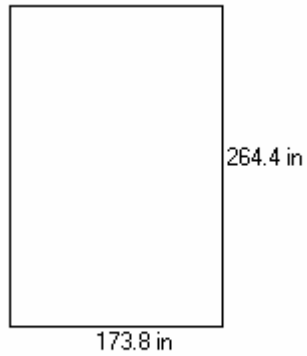
$$A = 0.5 \times (160.6 + 94.9) \times 187.3 = 23927.6 \text{ m}^2$$

$$P = 160.6 + 94.9 + 187.3 + 198.5 = 641.3 \text{ m}$$

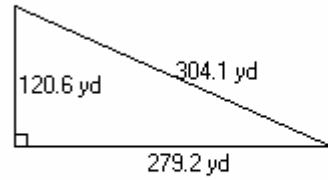
## Area and Perimeter of Various Shapes (G)

Instructions: Find the area and perimeter of each shape.

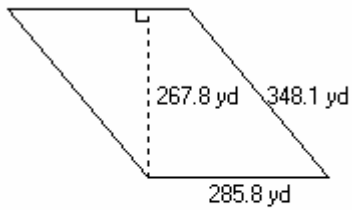
1)



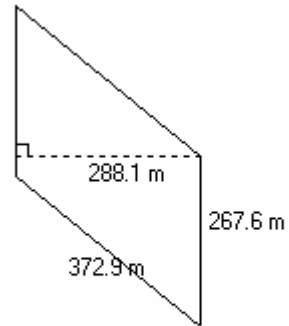
2)



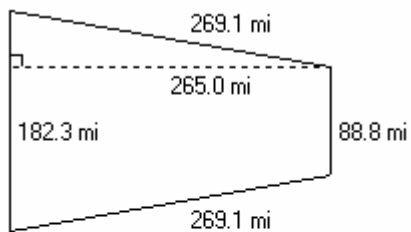
3)



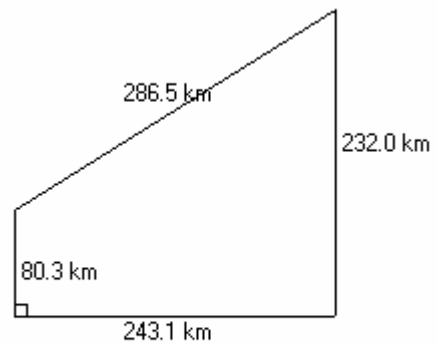
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (G)

Instructions: Find the area and perimeter of each shape.

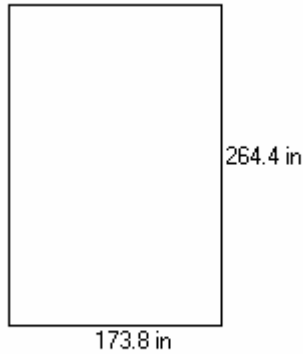
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

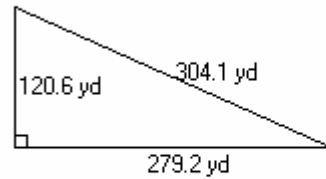
1)



$$A = 173.8 \times 264.4 = 45952.7 \text{ in}^2$$

$$P = 2 \times (173.8 + 264.4) = 876.4 \text{ in}$$

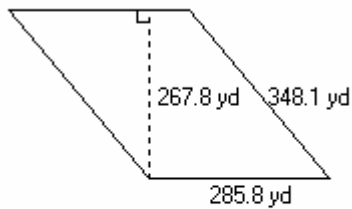
2)



$$A = 0.5 \times 279.2 \times 120.6 = 11227.9 \text{ yd}^2$$

$$P = 279.2 + 120.6 + 304.1 = 610.9 \text{ yd}$$

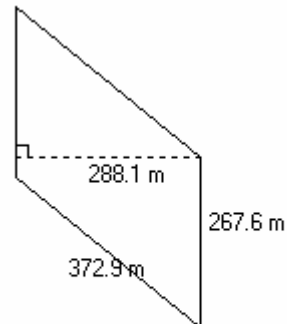
3)



$$A = 285.8 \times 267.8 = 76537.2 \text{ yd}^2$$

$$P = 2 \times (285.8 + 348.1) = 1267.8 \text{ yd}$$

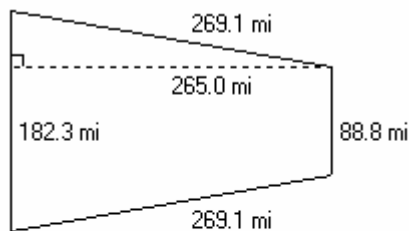
4)



$$A = 267.6 \times 288.1 = 77095.6 \text{ m}^2$$

$$P = 2 \times (267.6 + 372.9) = 1281.0 \text{ m}$$

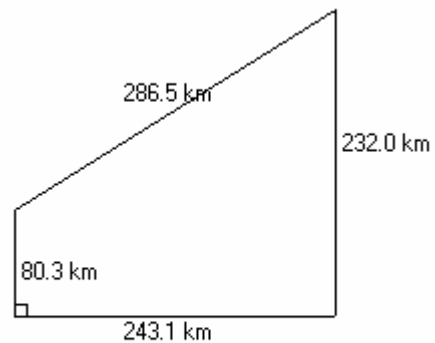
5)



$$A = 0.5 \times (182.3 + 88.8) \times 265.0 = 35920.8 \text{ mi}^2$$

$$P = 182.3 + 88.8 + 269.1 + 269.1 = 809.3 \text{ mi}$$

6)



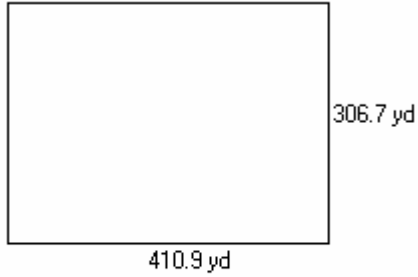
$$A = 0.5 \times (80.3 + 232.0) \times 243.1 = 37960.1 \text{ km}^2$$

$$P = 80.3 + 232.0 + 286.5 + 243.1 = 841.9 \text{ km}$$

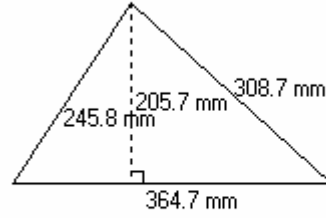
# Area and Perimeter of Various Shapes (H)

Instructions: Find the area and perimeter of each shape.

1)



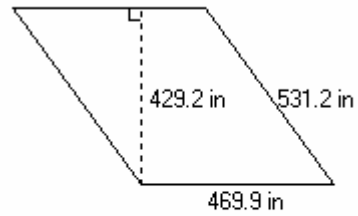
2)



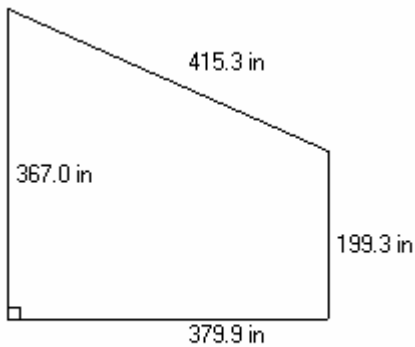
3)



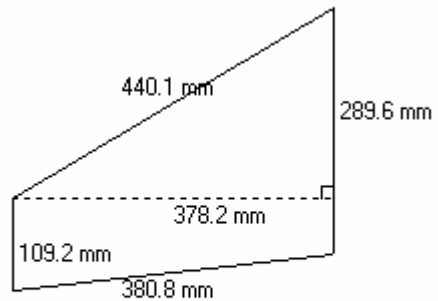
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (H)

Instructions: Find the area and perimeter of each shape.

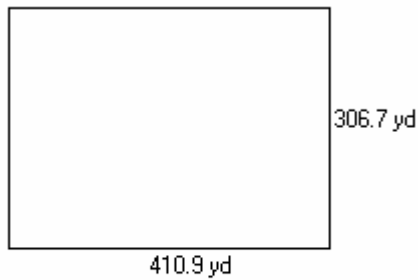
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

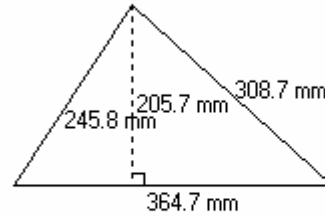
1)



$$A = 410.9 \times 306.7 = 126023.0 \text{ yd}^2$$

$$P = 2 \times (410.9 + 306.7) = 1435.2 \text{ yd}$$

2)



$$A = 0.5 \times 364.7 \times 205.7 = 37120.1 \text{ mm}^2$$

$$P = 364.7 + 245.8 + 308.7 = 919.2 \text{ mm}$$

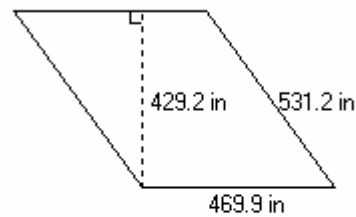
3)



$$A = 478.7 \times 457.3 = 218909.5 \text{ km}^2$$

$$P = 2 \times (478.7 + 623.4) = 2204.2 \text{ km}$$

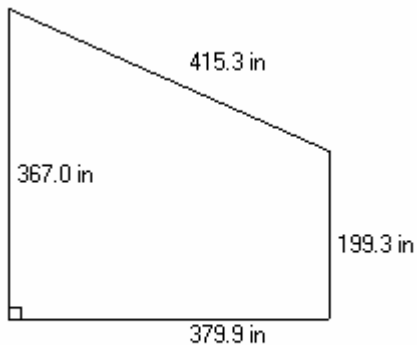
4)



$$A = 469.9 \times 429.2 = 201681.1 \text{ in}^2$$

$$P = 2 \times (469.9 + 531.2) = 2002.2 \text{ in}$$

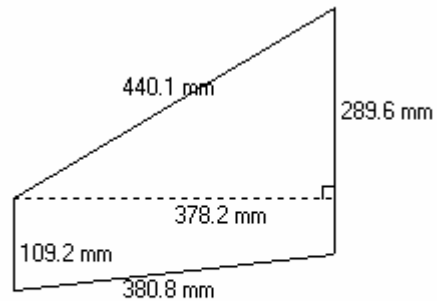
5)



$$A = 0.5 \times (367.0 + 199.3) \times 379.9 = 107568.7 \text{ in}^2$$

$$P = 367.0 + 199.3 + 415.3 + 379.9 = 1361.5 \text{ in}$$

6)



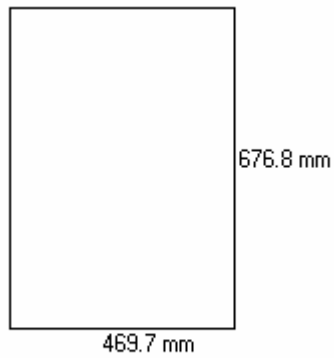
$$A = 0.5 \times (109.2 + 289.6) \times 378.2 = 75413.1 \text{ mm}^2$$

$$P = 109.2 + 289.6 + 440.1 + 380.8 = 1219.7 \text{ mm}$$

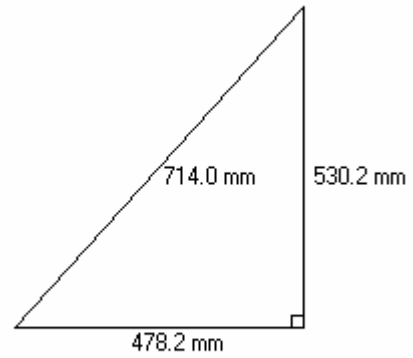
## Area and Perimeter of Various Shapes (I)

Instructions: Find the area and perimeter of each shape.

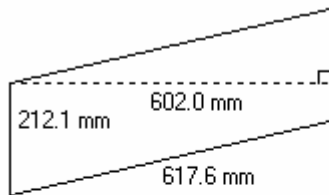
1)



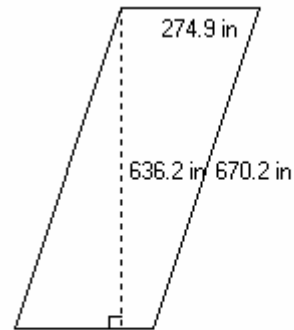
2)



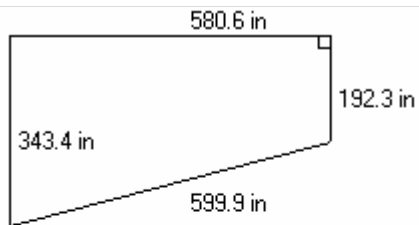
3)



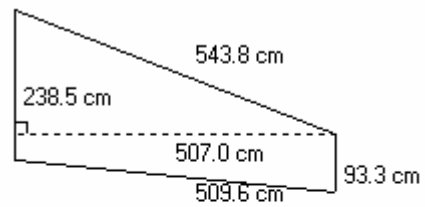
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (I)

Instructions: Find the area and perimeter of each shape.

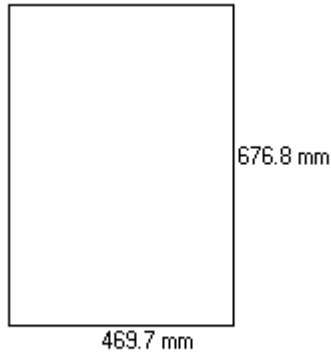
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

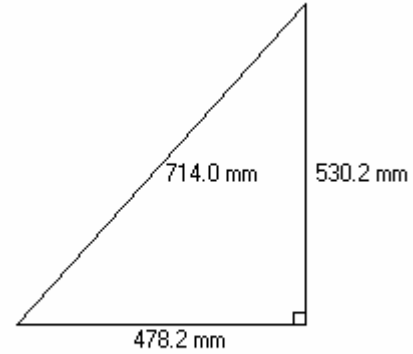
1)



$$A = 469.7 \times 676.8 = 317893.0 \text{ mm}^2$$

$$P = 2 \times (469.7 + 676.8) = 2293.0 \text{ mm}$$

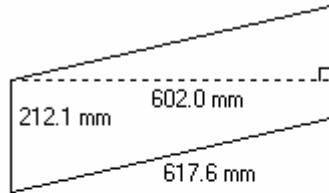
2)



$$A = 0.5 \times 478.2 \times 530.2 = 105721.9 \text{ mm}^2$$

$$P = 478.2 + 714.0 + 530.2 = 1643.0 \text{ mm}$$

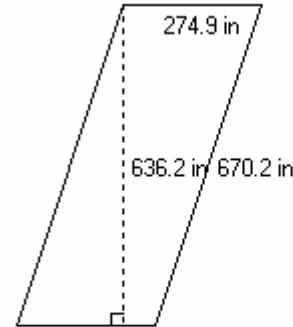
3)



$$A = 212.1 \times 602.0 = 127684.2 \text{ mm}^2$$

$$P = 2 \times (212.1 + 617.6) = 1659.4 \text{ mm}$$

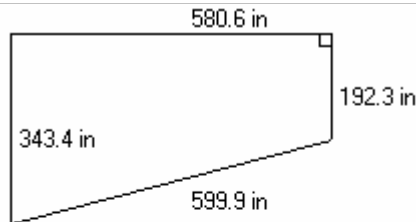
4)



$$A = 274.9 \times 636.2 = 174891.4 \text{ in}^2$$

$$P = 2 \times (274.9 + 670.2) = 1890.2 \text{ in}$$

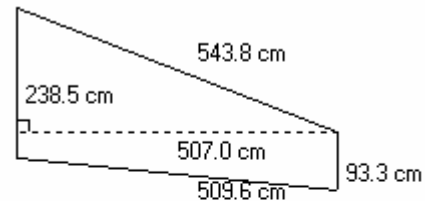
5)



$$A = 0.5 \times (343.4 + 599.9) \times 192.3 = 155513.7 \text{ in}^2$$

$$P = 343.4 + 192.3 + 580.6 + 599.9 = 1716.2 \text{ in}$$

6)



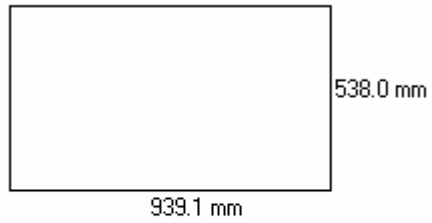
$$A = 0.5 \times (238.5 + 509.6) \times 507.0 = 84111.3 \text{ cm}^2$$

$$P = 238.5 + 93.3 + 543.8 + 509.6 = 1385.2 \text{ cm}$$

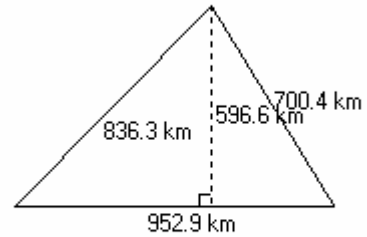
## Area and Perimeter of Various Shapes (J)

Instructions: Find the area and perimeter of each shape.

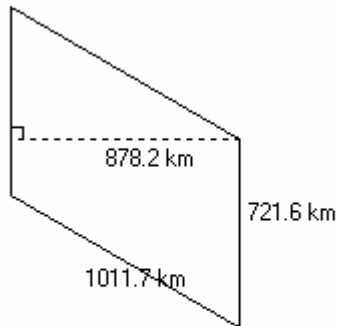
1)



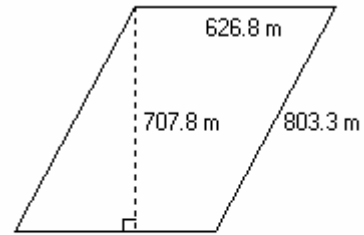
2)



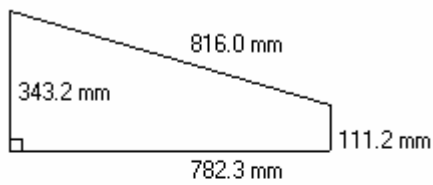
3)



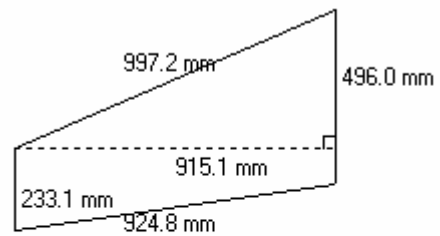
4)



5)



6)



## Area and Perimeter of Various Shapes Answer (J)

Instructions: Find the area and perimeter of each shape.

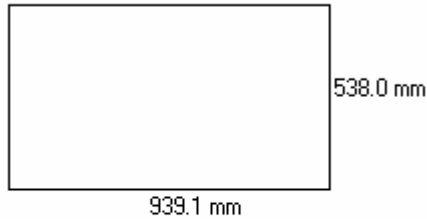
**Rectangle:** Area (A) =  $l \times w$ , Perimeter (P) =  $2(l + w)$

**Triangle:** Area (A) =  $0.5 \times b \times h$ , Perimeter (P) =  $a + b + c$

**Parallelogram:** Area (A) =  $b \times h$ , Perimeter (P) =  $2(a + b)$

**Trapezoid:** Area (A) =  $0.5 \times (a+b) \times h$ , Perimeter (P) =  $a + b + c + d$

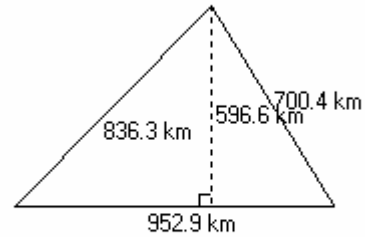
1)



$$A = 939.1 \times 538.0 = 505235.8 \text{ mm}^2$$

$$P = 2 \times (939.1 + 538.0) = 2954.2 \text{ mm}$$

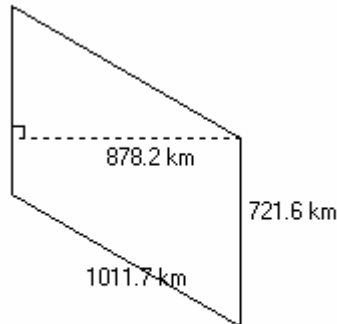
2)



$$A = 0.5 \times 952.9 \times 596.6 = 98975.9 \text{ km}^2$$

$$P = 952.9 + 836.3 + 700.4 = 1868.5 \text{ km}$$

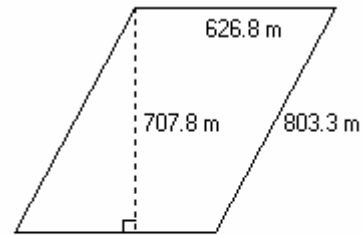
3)



$$A = 721.6 \times 878.2 = 633709.1 \text{ km}^2$$

$$P = 2 \times (721.6 + 1011.7) = 3466.6 \text{ km}$$

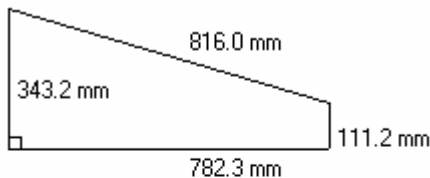
4)



$$A = 626.8 \times 707.8 = 443649.0 \text{ m}^2$$

$$P = 2 \times (626.8 + 803.3) = 2860.2 \text{ m}$$

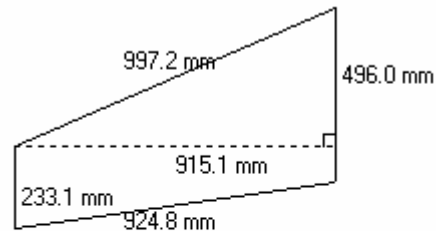
5)



$$A = 0.5 \times (343.2 + 111.2) \times 782.3 = 177738.6 \text{ mm}^2$$

$$P = 343.2 + 111.2 + 816.0 + 782.3 = 2052.7 \text{ mm}$$

6)



$$A = 0.5 \times (233.1 + 496.0) \times 915.1 = 333599.7 \text{ mm}^2$$

$$P = 233.1 + 496.0 + 997.2 + 924.8 = 2651.1 \text{ mm}$$