

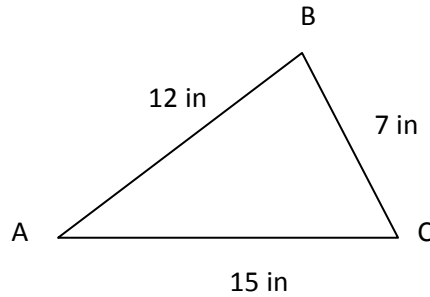
NAME \_\_\_\_\_

DATE \_\_\_\_\_

PERIMETER, AREA & VOLUME: Worksheet 4

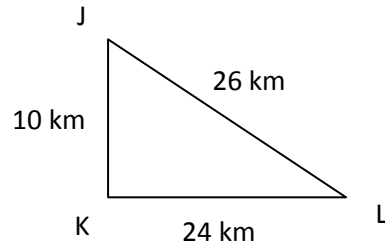
Find perimeters of the following figures.

- 1) Rectangle with length 6 in and width 9 in.
- 2) Triangle ABC
- 3) Square with side 11 in.



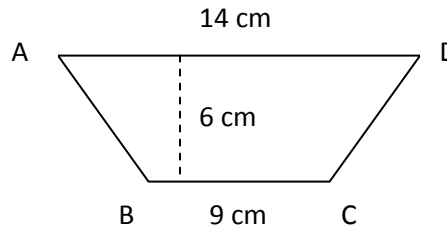
Find areas of the following figures.

- 4) Rectangle with length 8 in and width 12 in.
- 5) Right triangle JKL
- 6) Square with side 13 mi.

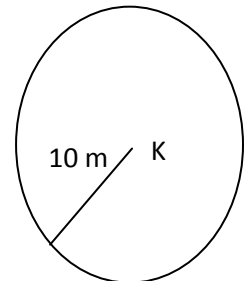


- 7) Trapezoid ABCD  

$$Trap = \frac{1}{2}h(b_1 + b_2)$$

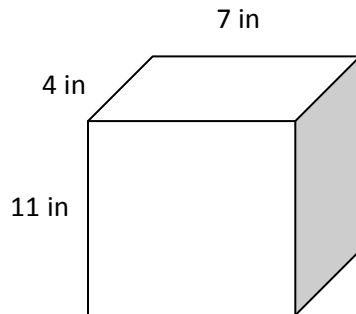


- 8) Circle K with radius 10 m. ( $\pi = 3.14$ ).

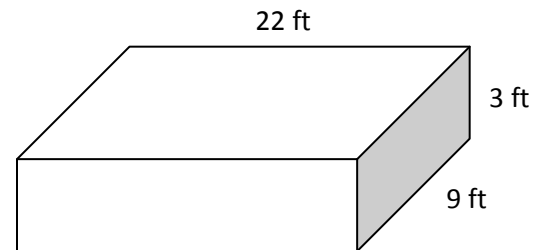


Find volumes of the following figures.

- 9) Figure A



- 10) Figure B



**KEY**  
**PERIMETER, AREA & VOLUME: Worksheet 4**

Find perimeters of the following figures.

- 1) Rectangle with length 6 in and width 9 in.

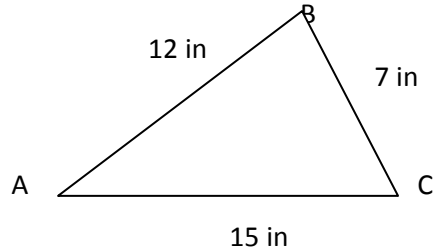
$$2 \times 6 + 2 \times 9 = 12 + 18 = 30in$$

- 2) Triangle ABC

$$12 + 7 + 15 = 34in$$

- 3) Square with side 11 in.

$$4 \times 11 = 44in$$



Find areas of the following figures.

- 4) Rectangle with length 8 in and width 12 in.

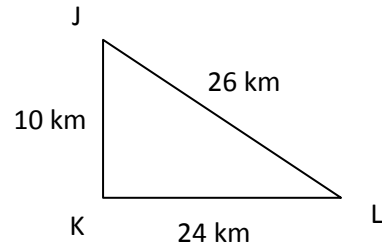
$$8 \times 12 = 96sq.in.$$

- 5) Right triangle JKL

$$\frac{1}{2} \times 24 \times 10 = 120sq.km.$$

- 6) Square with side 13 mi.

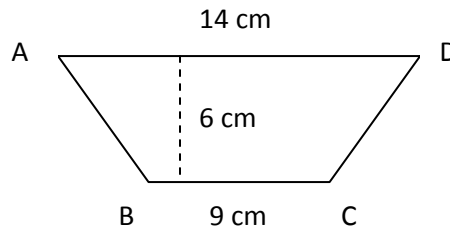
$$13 \times 13 = 169sq.mi.$$



- 7) Trapezoid ABCD

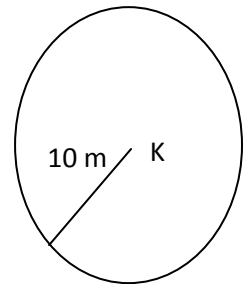
$$Trap = \frac{1}{2}h(b_1 + b_2)$$

$$\frac{1}{2} \times 6 \times (9 + 14) = 69sq.cm.$$



- 8) Circle K with radius 10 m. ( $\pi = 3.14$ ).

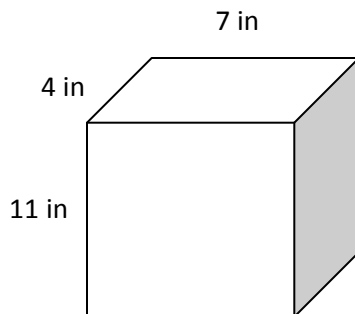
$$3.14 \times 10^2 = 314sq.m.$$



Find volumes of the following figures.

- 9) Figure A

$$11 \times 4 \times 7 = 308cu.in.$$



- 10) Figure B

$$22 \times 9 \times 3 = 594cu.ft.$$

