

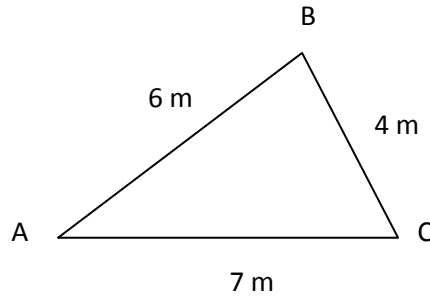
NAME _____

DATE _____

PERIMETER, AREA & VOLUME: Worksheet 1

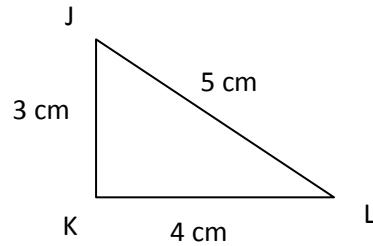
Find perimeters of the following figures.

- 1) Rectangle with length 4 in and width 3 in.
- 2) Triangle ABC
- 3) Square with side 9 cm.



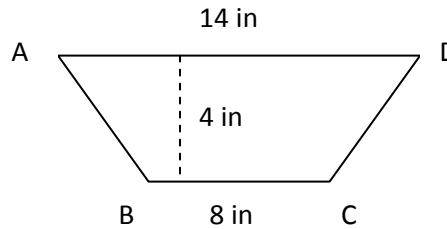
Find areas of the following figures.

- 4) Rectangle with length 9 ft and width 3 ft.
- 5) Right triangle JKL
- 6) Square with side 12 m.

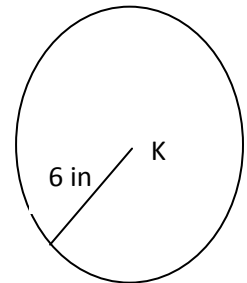


- 7) Trapezoid ABCD

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

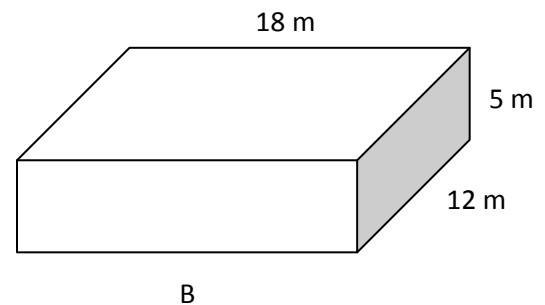
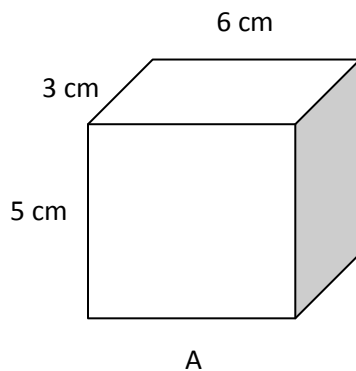


- 8) Circle K with radius 6 in.



Find volumes of the following figures.

- 9) Figure A
- 10) Figure B



KEY
PERIMETER, AREA & VOLUME: Worksheet 1

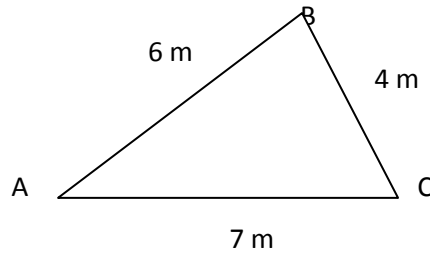
Find perimeters of the following figures.

- 1) Rectangle with length 4 in and width 3 in.

$$2 \times 4 + 2 \times 3 = 8 + 6 = 14in$$

- 2) Triangle ABC

$$6 + 7 + 4 = 17m$$



- 3) Square with side 9 cm.

$$4 \times 9 = 36cm$$

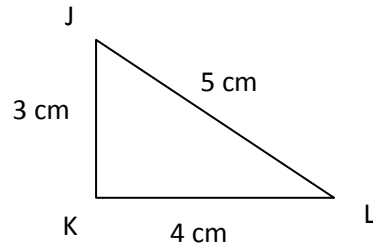
Find areas of the following figures.

- 4) Rectangle with length 9 ft and width 3 ft.

$$9 \times 3 = 27sq.ft.$$

- 5) Right triangle JKL

$$\frac{1}{2} \times 4 \times 3 = 6sq.cm.$$



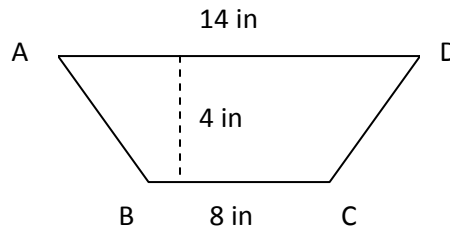
- 6) Square with side 12 m.

$$12 \times 12 = 144sq.m.$$

- 7) Trapezoid ABCD

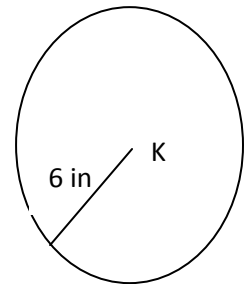
$$Trap = \frac{1}{2}h(b_1 + b_2)$$

$$\frac{1}{2} \times 4 \times (14 + 8) = 44sq.in.$$



- 8) Circle K with radius 6 in.

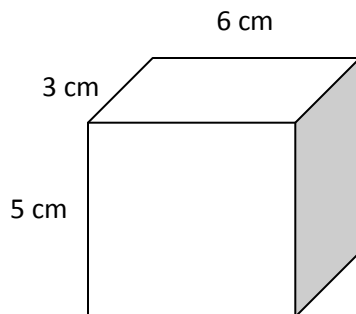
$$3.14 \times 6^2 = 113.04sq.in.$$



Find volumes of the following figures.

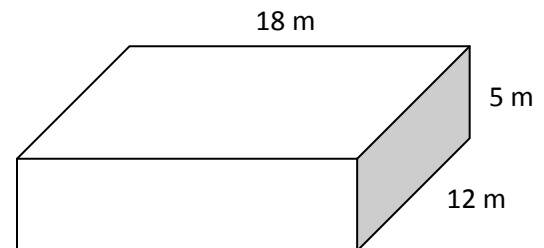
- 9) Figure A

$$6 \times 3 \times 5 = 90cu.cm.$$



- 10) Figure B

$$18 \times 12 \times 5 = 1080cu.m.$$



A

B