## Class V

## MATHEMATICS

Find the area and perimeter of each rectangle.
Remember to include the units in your answers.
(For example ft or square ft )
(i) 4 ft wide, 3 ft long
perimeter $=$
area $=$
(ii) 9 in wide, 2 in long
perimeter $=\square$
area $=$
(iii) 3 m wide, 7 m long
perimeter $=$
area $=$
(iv) 8 cm wide, 4 cm long
perimeter $=$
area $=$
(v) 20 mm wide, 6 mm long

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perimeter =
area =
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(vi) 11 ft wide, 3 ft long
perimeter $=\square$
area $=$
(vii) 9 in wide, 8 in long
perimeter $=$
area $=\square$
(viii) 16 cm wide, 2 cm long
perimeter $=$
area $=$
(ix) 5 mm wide, 3 mm long
perimeter $=\square$
area $=\square$
(x) 9 m wide, 40 m long
perimeter $=$
area $=\square$
i) Find the perimeter and area of a rectangle with length 12 yards and width 6 yards.
ii) Find the perimeter and area of a rectangle whose length is $\mathbf{5}$ yards and width is $\mathbf{6}$ feet. ( Hint: 3 feet = 1 yard )
iii) Find the area and perimeter of a given rectangle ( see figure1)

Figure 1

iv) Length and width of a rectangle is 11 inches and 5 inches respectively. Find its area and perimeter.
v) In a rectangle, length $=12.5 \mathrm{~cm}$ and width $=7.5 \mathrm{~cm}$. Find its area and perimeter.
vi) Dimensions of a rectangle are given in figure 2 . Find the area and perimeter of a rectangle.

Figure 2
3 inches

vii) If the length and width of a rectangle is 39 inches and 2 feet respectively, find its area and perimeter.(Hint: 1 foot = 12 inches)
(viii) If a cube's volume is 8000 cm 3 what is the length of its edge is cm .

Find the volume of a cuboid if the dimensions are:

1. length $=9 \mathrm{~cm}$, width $=85 \mathrm{~cm}$ and height $=3.5 \mathrm{~cm}$
2. length $=6.5 \mathrm{~cm}$, width $=6 \mathrm{~cm}$ and height $=4.5 \mathrm{~cm}$
3. length $=12 \mathrm{~cm}$, width $=5 \mathrm{~cm}$ and height $=6 \mathrm{~cm}$
4. length $=7 \mathrm{~cm}$, width $=10.2 \mathrm{~cm}$ and height $=8.3 \mathrm{~cm}$
5. length $=8.4 \mathrm{~cm}$, width $=6.5 \mathrm{~cm}$ and height $=20 \mathrm{~cm}$
6. length $=5 \mathrm{~cm}$, width $=10 \mathrm{~cm}$ and height $=20 \mathrm{~cm}$
7. length $=14 \mathrm{~cm}$, width $=7.5 \mathrm{~cm}$ and height $=10 \mathrm{~cm}$
8. length $=11.7 \mathrm{~cm}$, width $=5 \mathrm{~cm}$ and height $=7.02 \mathrm{~cm}$
9. length $=21 \mathrm{~cm}$, width $=6 \mathrm{~cm}$ and height $=9 \mathrm{~cm}$
10. length $=15.7 \mathrm{~cm}$, width $=6.4 \mathrm{~cm}$ and height $=8.9 \mathrm{~cm}$
11.length $=14.6 \mathrm{~cm}$, width $=6.1 \mathrm{~cm}$ and height $=7.7 \mathrm{~cm}$
11. length $=9 \mathrm{~cm}$, width $=16.7 \mathrm{~cm}$ and height $=11 \mathrm{~cm}$
13.length $=25 \mathrm{~cm}$, width $=16 \mathrm{~cm}$ and height $=9 \mathrm{~cm}$
12. length $=14.6 \mathrm{~cm}$, width $=5.82 \mathrm{~cm}$ and height $=12.5 \mathrm{~cm}$
15.length $=30.1 \mathrm{~cm}$, width $=14 \mathrm{~cm}$ and height $=22.5 \mathrm{~cm}$
13. length $=14 \mathrm{~cm}$, width $=7 \mathrm{~cm}$ and height $=3.5 \mathrm{~cm}$
17.length $=36.6 \mathrm{~cm}$, width $=21.9 \mathrm{~cm}$ and height $=30 \mathrm{~cm}$
18.length $=42 \mathrm{~cm}$, width $=4.74 \mathrm{~cm}$ and height $=12.52 \mathrm{~cm}$
19.length $=26 \mathrm{~cm}$, width $=35 \mathrm{~cm}$ and height $=7 \mathrm{~cm}$
20.length $=50 \mathrm{~cm}$, width $=16 \mathrm{~cm}$ and height $=15.64 \mathrm{~cm}$
14. length $=85 \mathrm{~cm}$, width $=20 \mathrm{~cm}$ and height $=44 \mathrm{~cm}$
