

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 =

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

perimeter =

area =

(vi) 11 ft wide, 3 ft long

perimeter =

area =

(vii) 9 in wide, 8 in long

perimeter =

area =

(viii) 16 cm wide, 2 cm long

perimeter =

area =

(ix) 5 mm wide, 3 mm long

perimeter =

area =

(x) 9 m wide, 40 m long

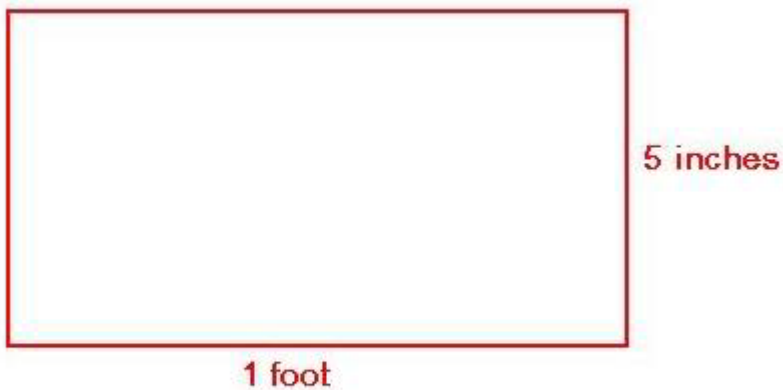
perimeter =

area =

Math Problems

- 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 5 yards and width is 6 feet. (Hint: 3 feet = 1 yard)
- iii) Find the area and perimeter of a given rectangle (see figure1)

Figure 1



Hint: 1 foot = 12 inches

- 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 cm and width = 7.5 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



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