$\qquad$

## Surface Area of a Rectangular prism

Work Space

| Length, width and height of a rectangular prism are $2 \mathrm{~cm}, 3 \mathrm{~cm}$ and 4 cm respectively. Find the surface area of a prism <br> Answer: |  |
| :---: | :---: |
| Length of the rectangular prism is 4 ft . Height = Width = 3 feet. Find the surface area of a prism. <br> Answer: |  |
| The dimensions of a rectangular prism are $24 \mathrm{~cm} \times 20 \mathrm{~cm} \times 15 \mathrm{~cm}$. Find surface area of a rectangular prism. <br> Answer: |  |
| Find the surface area of a rectangular box with length 3.5 feet, width 3 feet and height 2.5 feet. <br> Answer: |  |
| Length $=2.4$ yards; Height $=3.6$ yards; Width $=4.2$ yards. <br> Find the surface area of a rectangular prism. <br> Answer: |  |

Answers:
Work Space

Length, width and height of a rectangular prism are $2 \mathrm{~cm}, 3 \mathrm{~cm}$ and 4 cm respectively. Find the surface area of a prism

Answer: $52 \mathrm{~cm}^{2}$
Length of the rectangular prism is 4 ft . Height = Width $=3$ feet. Find the surface area of a prism.

Answer: $66 \mathrm{ft}^{2}$
The dimensions of a rectangular prism are $24 \mathrm{~cm} \times 20 \mathrm{~cm} \times 15 \mathrm{~cm}$. Find surface area of a rectangular prism.

Answer: $2280 \mathrm{~cm}^{2}$
Find the surface area of a rectangular box with length 3.5 feet, width 3 feet and height 2.5 feet.

Answer: $53.5 \mathrm{ft}^{2}$
Length = 2.4 yards; Height $=3.6$ yards;
Width = 4.2 yards.
Find the surface area of a rectangular prism.

Answer: $67.68 \mathrm{yd}^{2}$

