

## Surface Area of a cereal box

To find the **total surface area** of a cuboid:

- Find the **area** of **all six faces**
- **Add** them all together.

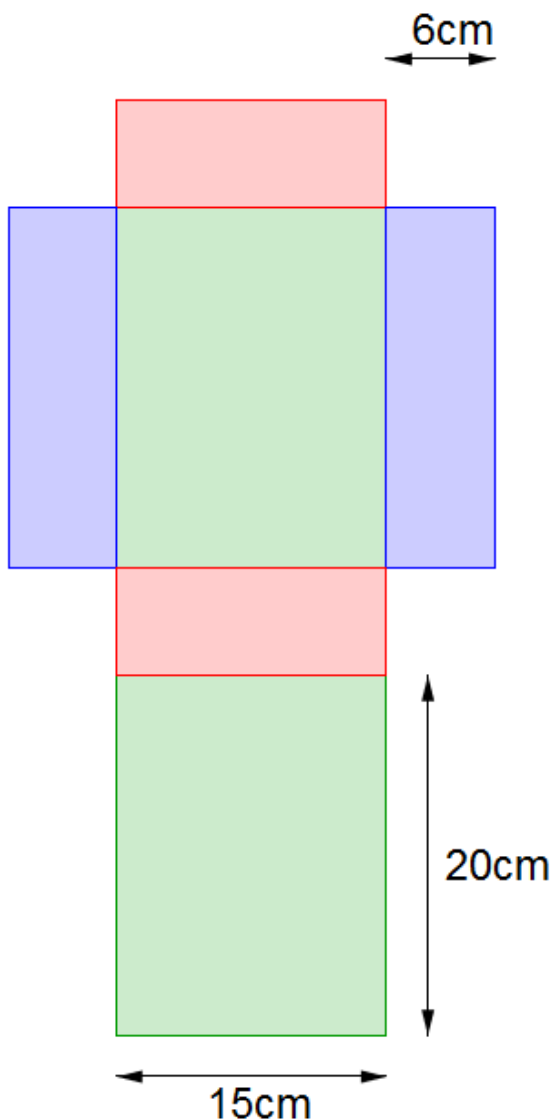


Height (top to bottom):  $20\text{cm}$

Length (left to right):  $15\text{cm}$

Width (front to back):  $6\text{cm}$

Use the net below to work out the area of each face:



**Front area:**

**Back area:**

**Left area:**

**Right area:**

**Top area:**

**Bottom area:**

**Total Surface Area:**

## Surface Area of a cereal box **SOLUTIONS**

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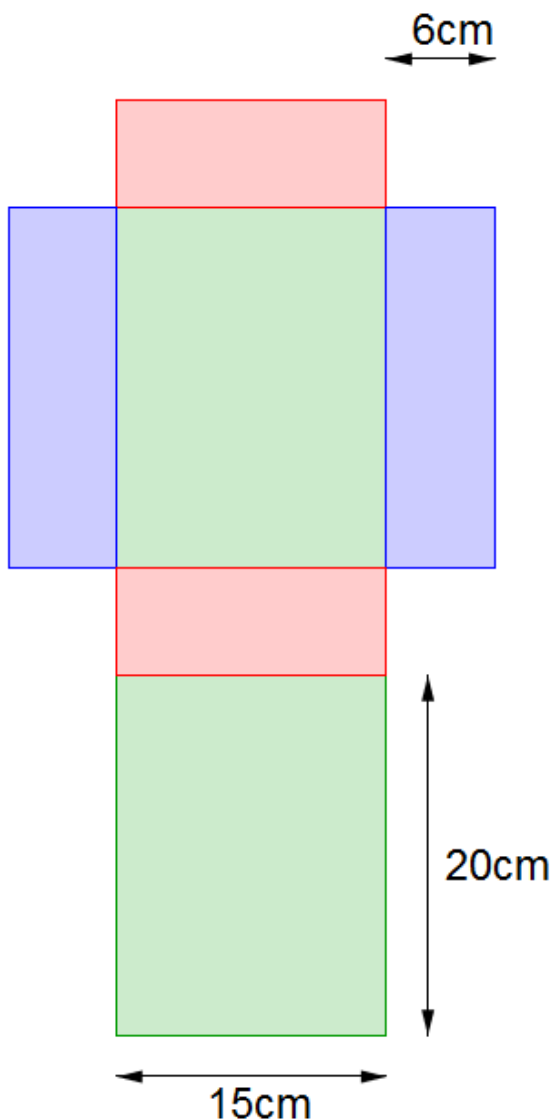


Height (top to bottom):  $20\text{cm}$

Length (left to right):  $15\text{cm}$

Width (front to back):  $6\text{cm}$

Use the net below to work out the area of each face:



**Front:**  $15 \times 20 = 300\text{cm}^2$

**Back:**  $300\text{cm}^2$

**Left:**  $20 \times 6 = 120\text{cm}^2$

**Right:**  $120\text{cm}^2$

**Top:**  $15 \times 6 = 90\text{cm}^2$

**Bottom:**  $90\text{cm}^2$

**Total Surface Area:**

**$1020\text{cm}^2$**