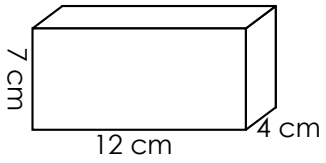
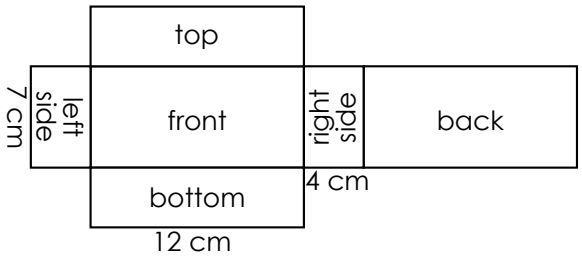
Name: _____

Surface Area

Surface area is the total area of all faces of a figure. To find the surface area of a rectangular prism, imagine it unfolded into six rectangles. Find the area of each rectangle and add them together. The sum is the surface area of the rectangular prism.



area of left side:	4 cm x 7 cm =	28 cm^2
area of top:	4 cm x 12 cm =	48 cm^2
area of front:	7 cm x 12 cm =	84 cm^2
area of bottom:	4 cm x 12 cm =	48 cm^2
area of right side:	4 cm x 7 cm =	28 cm^2
area of back:	7 cm x 12 cm =	+ 84 cm^2
	surface area =	**320 cm^2**



Find the surface area of the following figures.

~PREVIEW~

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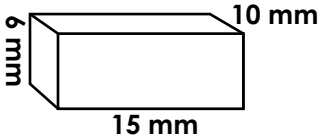


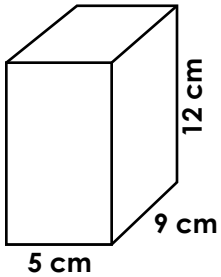
area of top: _____ x _____ = _____

area of front: _____ x _____ = _____

area of bottom: _____ x _____ = _____

area of right side: _____ x _____ = _____

area of back: _____ x _____ = _____ **surface area =** _____



area of left side: _____ x _____ = _____

area of top: _____ x _____ = _____

area of front: _____ x _____ = _____

area of bottom: _____ x _____ = _____

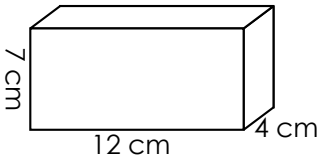
area of right side: _____ x _____ = _____

area of back: _____ x _____ = _____ **surface area =** _____

ANSWER KEY

Surface Area

Surface area is the total area of all faces of a figure. To find the surface area of a rectangular prism, imagine it unfolded into six rectangles. Find the area of each rectangle and add them together. The sum is the surface area of the rectangular prism.



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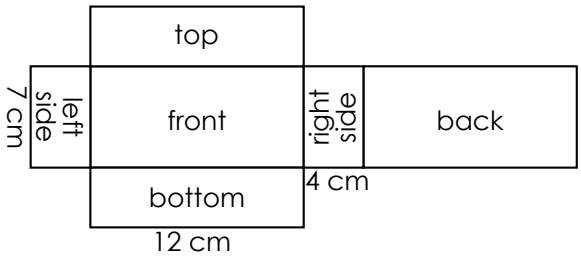

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