

Student Name: \_\_\_\_\_

Score: \_\_\_\_\_

**Surface Area of Rectangular Prism**

Calculate the surface area and approximate your answer to the nearest hundredth:

Length = 4.2 cm; Width = 3.5 cm; Height = 7.4 cm  Surface area = _____	Length = 12.25 inches; Width = 4.19 inches; Height = 7.12 inches  Surface area = _____
Length = 1.29 feet; Width = 3.8 feet; Height = 5.64 feet  Surface area = _____	Length = 7.2 yards; Width = 4.15 yards; Height = 6 yards  Surface area = _____
Length = 18.56 feet; Width = 14.21 feet; Height = 21.35 feet  Surface area = _____	Length = 25.5 cm; Width = 18 cm; Height = 14.5 cm  Surface area = _____
Length = 9 feet; Width = 6.57 feet; Height = 5.28 feet  Surface area = _____	Length = 56.24 mm; Width = 38.5 mm; Height = 42.18 mm  Surface area = _____

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### Answers

Length = 4.2 cm; Width = 3.5 cm; Height = 7.4 cm  Surface area = <b>143.36 cm<sup>2</sup></b>	Length = 12.25 inches; Width = 4.19 inches; Height = 7.12 inches  Surface area = <b>336.76 inch<sup>2</sup></b>
Length = 1.29 feet; Width = 3.8 feet; Height = 5.64 feet  Surface area = <b>67.22 ft<sup>2</sup></b>	Length = 7.2 yards; Width = 4.15 yards; Height = 6 yards  Surface area = <b>195.96 yd<sup>2</sup></b>
Length = 18.56 feet; Width = 14.21 feet; Height = 21.35 feet  Surface area = <b>1926.75 ft<sup>2</sup></b>	Length = 25.5 cm; Width = 18 cm; Height = 14.5 cm  Surface area = <b>2179.5 cm<sup>2</sup></b>
Length = 9 feet; Width = 6.57 feet; Height = 5.28 feet  Surface area = <b>282.68 ft<sup>2</sup></b>	Length = 56.24 mm; Width = 38.5 mm; Height = 42.18 mm  Surface area = <b>12322.75 mm<sup>2</sup></b>