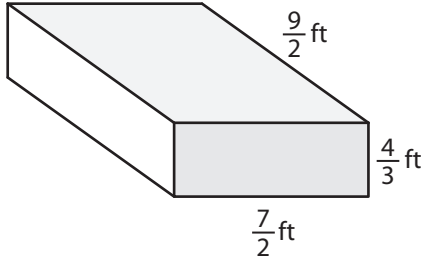


Name : _____

Surface Area - Rectangular Prism

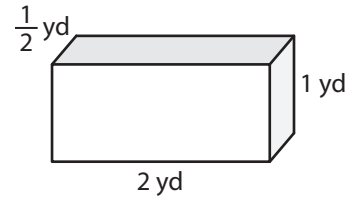
A) Find the surface area of each rectangular prism.

1)



Surface Area = _____

2)



2 yd

1 yd

B) Find the surface area

given parameters.

3) length = $\frac{7}{4}$ in, width = $\frac{6}{7}$ in
height = $\frac{8}{3}$ in

height = 12 yd, and

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Surface Area = _____

5) height = 5 ft, length = $\frac{6}{5}$ ft
width = $\frac{5}{9}$ ft

width = $\frac{3}{2}$ in, and

Surface Area = _____

Surface Area = _____

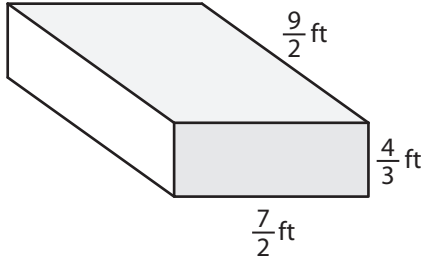
C) The length, width, and height of a rectangular prism are 2 yards, $\frac{1}{8}$ yard, and $\frac{8}{9}$ yard respectively. What is its surface area?

Name : _____

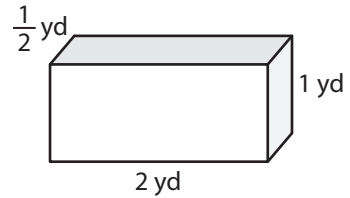
Surface Area - Rectangular Prism

A) Find the surface area of each rectangular prism.

1)



2)



Surface Area = 317 7 yd²

B) Find the surface area of a rectangular prism with the given parameters.

3) length = $\frac{7}{4}$ in, width = $\frac{6}{7}$ in
height = $\frac{8}{3}$ in

length = 12 yd, and

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Surface Area = 317 531 yd²

5) height = 5 ft, length = $\frac{6}{5}$ ft
width = $\frac{5}{9}$ ft

width = $\frac{3}{2}$ in, and

Surface Area = $\frac{170}{9}$ or $18\frac{8}{9}$ ft² Surface Area = $\frac{172}{21}$ or $8\frac{4}{21}$ in²

C) The length, width, and height of a rectangular prism are 2 yards, $\frac{1}{8}$ yard, and $\frac{8}{9}$ yard respectively. What is its surface area?

$\frac{77}{18}$ or $4\frac{5}{18}$ square yards