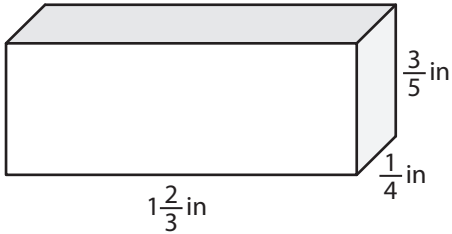


Name : _____

Surface Area - Rectangular Prism

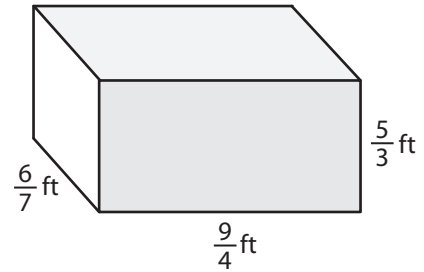
A) Find the surface area of each rectangular prism.

1)



Surface Area = _____

2)



Surface Area = _____

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

3) height = $\frac{4}{9}$ yd, length = 6 yd,
width = $\frac{3}{2}$ yd

length = $\frac{3}{7}$ ft, and

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Surface Area = _____

5) width = $\frac{5}{4}$ in, height = 8 in,
length = 10 in

length = $\frac{1}{6}$ yd, and

Surface Area = _____

Surface Area = _____

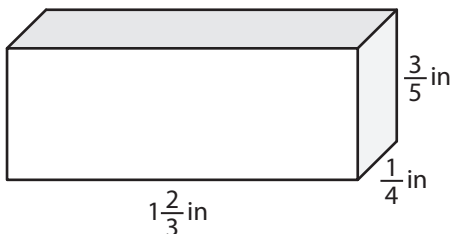
C) A rectangular prism has a width of $\frac{5}{9}$ foot, a length is $\frac{3}{4}$ foot, and a height of $1\frac{1}{5}$ feet. Determine the surface area of the prism.

Name : _____

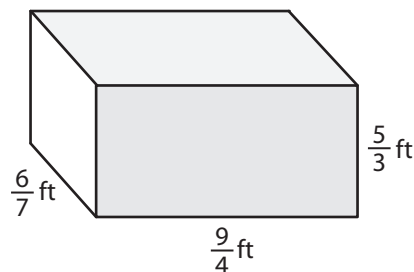
Surface Area - Rectangular Prism

A) Find the surface area of each rectangular prism.

1)



2)



Surface Area = $\frac{47}{3}$ or $14 \frac{3}{4}$ ft²

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

3) height = $\frac{4}{9}$ yd, length = 6 yd,
width = $\frac{3}{2}$ yd

length = $\frac{3}{7}$ ft, and

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Surface Area = $\frac{64}{3}$ or $21 \frac{1}{3}$ ft²

5) width = $\frac{5}{4}$ in, height = 8 in,
length = 10 in

length = $\frac{1}{6}$ yd, and

Surface Area = 205 in^2 Surface Area = $\frac{275}{72}$ or $3 \frac{59}{72}$ yd²

C) A rectangular prism has a width of $\frac{5}{9}$ foot, a length is $\frac{3}{4}$ foot, and a height of $1 \frac{1}{5}$ feet. Determine the surface area of the prism.

$\frac{119}{30}$ or $3 \frac{29}{30}$ square feet