Math Practice - Grade 6

M12 Volume and surface area

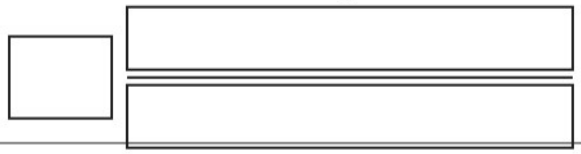
M12 6.G.A.2, 6.G.A.4

Name: _____ Date: _____

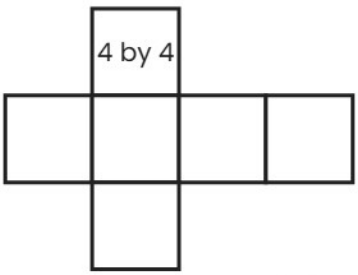
Multiply the edge lengths to find the volume. Name the solid from its net. Add the face areas to find the surface area.

1 **Find the volume of the rectangular prism. The edges are 3 1/3, 7 2/3, and 3 1/2.**

$$3\frac{1}{3} \times 7\frac{2}{3} \times 3\frac{1}{2} =$$

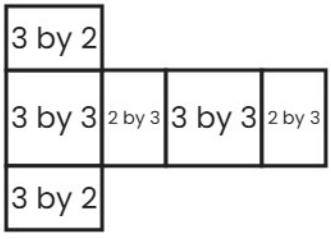


2 **What solid does this net make? Circle it.**



Cube | Rectangular prism | Triangular prism | Square pyramid

3 **Find the surface area of the rectangular prism from its net. The edges are 3, 2, and 3.**



Math Practice - Grade 6

M12 Volume and surface area

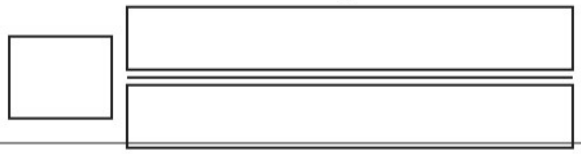
M12 6.G.A.2, 6.G.A.4

Name: _____ Date: _____

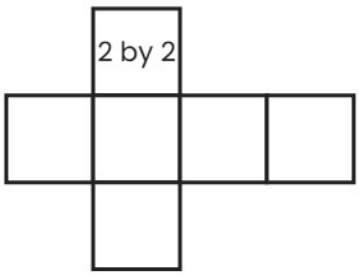
Multiply the edge lengths to find the volume. Name the solid from its net. Add the face areas to find the surface area.

1 **Find the volume of the rectangular prism. The edges are 1, 1 1/3, and 7.**

$$1 \quad x \quad 1\frac{1}{3} \quad x \quad 7 \quad =$$

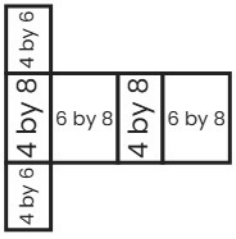


2 **What solid does this net make? Circle it.**



Cube | Rectangular prism | Triangular prism | Square pyramid

3 **Find the surface area of the rectangular prism from its net. The edges are 4, 6, and 8.**



Math Practice - Grade 6

M12 Volume and surface area

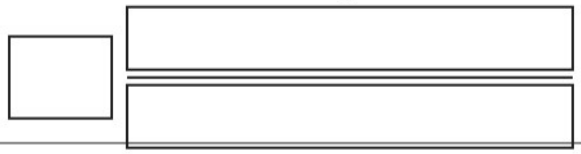
M12 6.G.A.2, 6.G.A.4

Name: _____ Date: _____

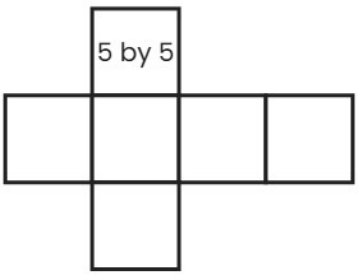
Multiply the edge lengths to find the volume. Name the solid from its net. Add the face areas to find the surface area.

1 **Find the volume of the rectangular prism. The edges are 3 1/3, 8 2/3, and 6 2/3.**

$3\frac{1}{3}$ x $8\frac{2}{3}$ x $6\frac{2}{3}$ =



2 **What solid does this net make? Circle it.**



Cube | Rectangular prism | Triangular prism | Square pyramid

3 **Find the surface area of the rectangular prism from its net. The edges are 2, 6, and 8.**

