



**THIRD SPACE  
LEARNING**

# Exit Tickets

Domain: Geometry

6th grade

## Exit Tickets

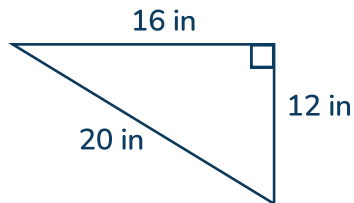
Name: .....

Standard: 6.G.A.1

a. Find the area of the right triangle.

Focus: Find the area of polygons by composing or decomposing into other shapes

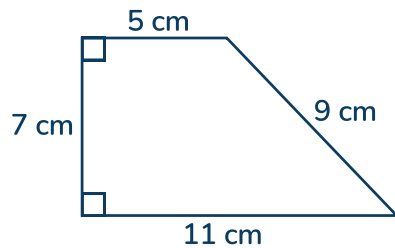
Label your answer with the correct units.



A = \_\_\_\_\_

b. Find the area of the trapezoid by decomposing it into other shapes.

Label your answer with the correct units.



A = \_\_\_\_\_

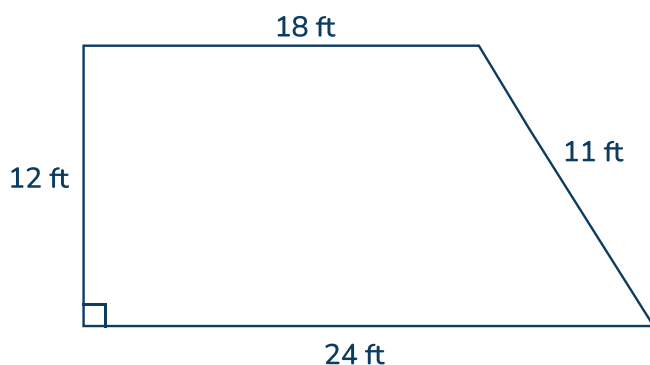
 THIRD SPACE LEARNING

Name: .....

Standard: 6.G.A.1

Robert's family is getting new carpet installed in the family room. The dimensions of the family room are shown below. How much carpet will they need to carpet the entire floor? Label your answer with the correct units.

Focus: Solve word problems involving composing and decomposing shapes to find the area



A = \_\_\_\_\_

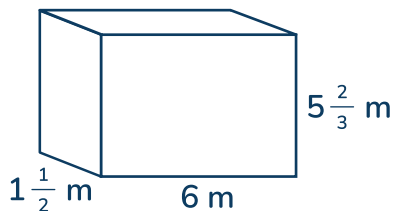
 THIRD SPACE LEARNING

## Exit Tickets

Name: .....

Directions: Find the volume of the prism.

Label your answer with the correct units.



Standard: 6.G.A.2

Focus: Apply the formulas  $V = lwh$  and  $V = bh$  to find volumes of right rectangular prisms with fractional edge lengths

 $V =$  \_\_\_\_\_

Name: .....

a. Graph polygon ABCDE using the coordinates of the vertices.

A(-4, 3), B(-4, -3), C(5, -3), D(5, 1), E(2, 3)

b. Write the length of the following sides.

AB \_\_\_\_\_ units

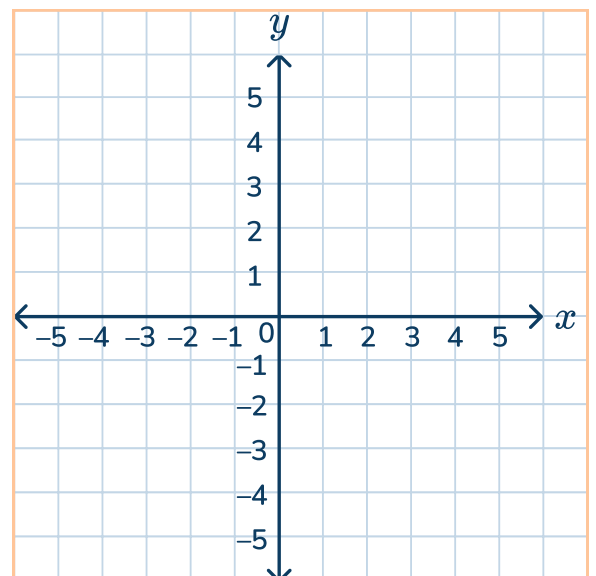
BC \_\_\_\_\_ units

CD \_\_\_\_\_ units

AE \_\_\_\_\_ units

Standard: 6.G.A.3

Focus: Draw polygons in the coordinate plane given coordinates for the vertices



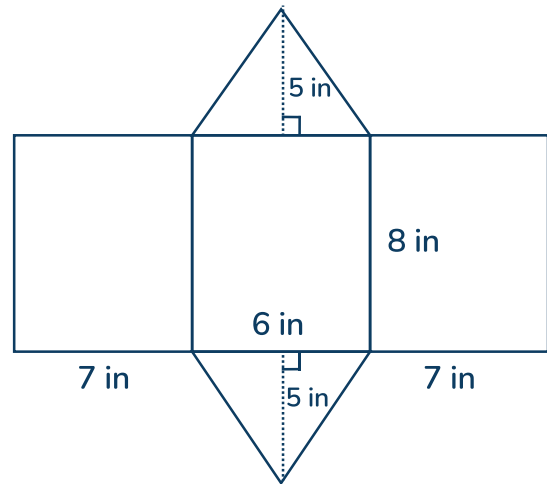
# Exit Tickets

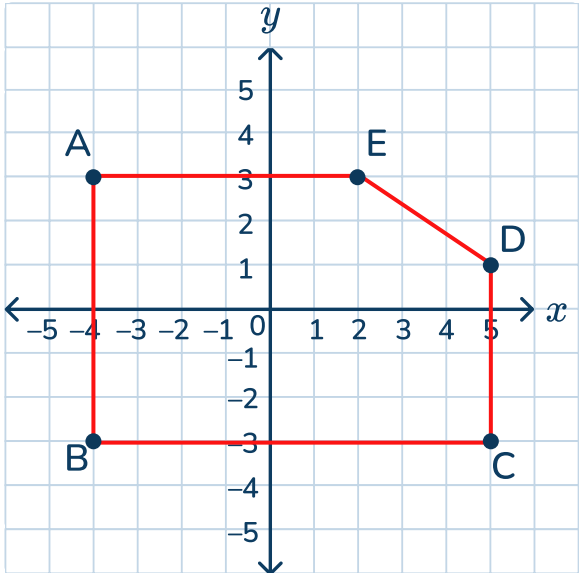
Name: .....

Standard: 6.G.A.4

Focus: Solve word problems involving surface area of three-dimensional figures

Josh wants to paint a wooden block in the shape of a triangular prism. Find its total surface area using the illustration below to determine how much paint he needs to use. Label your answer with the correct units.






Standard	Answer(s)
6.G.A.1	a. 96 square inches b. 56 square centimeters
6.G.A.1	a. 252 square feet
6.G.A.2	51 cubic meters
6.G.A.3	<p>a.</p>  <p>b.</p> <p>AB <u>6</u> units</p> <p>BC <u>9</u> units</p> <p>CD <u>4</u> units</p> <p>AE <u>6</u> units</p>
6.G.A.4	190 square inches

## Do you have a group of students who need a boost in math?

Each student could receive a personalized lesson every week from our specialist one-on-one math tutors.

- ✓ Differentiated instruction for each student
- ✓ Aligned to your state's standard
- ✓ Scaffolded learning to close gaps

## Speak to us

-  [thirdspacelearning.com/us/](https://thirdspacelearning.com/us/)
-  +1 929-298-4593
-  [hello@thirdspacelearning.com](mailto:hello@thirdspacelearning.com)



**THIRD SPACE**  
LEARNING