

## 8.2 Exercises



### Vocabulary and Concept Check

1. **VOCABULARY** Explain how to find the surface area of a prism.

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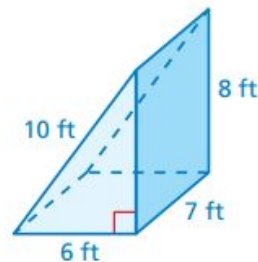
2. **DIFFERENT WORDS, SAME QUESTION** Which is different? Find “both” answers.

What is the sum of the areas of the faces of the prism?

What is the area of the entire surface of the prism?

What is the area of the triangular faces of the prism?

What is the surface area of the prism?



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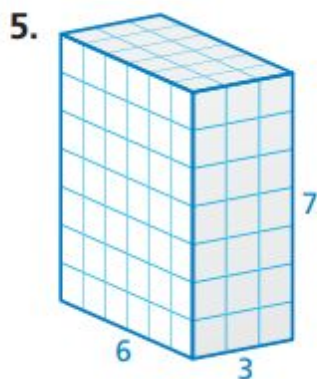
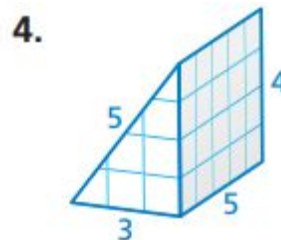
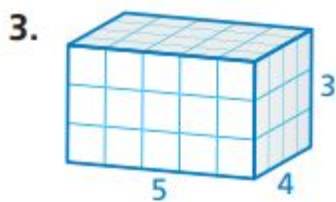
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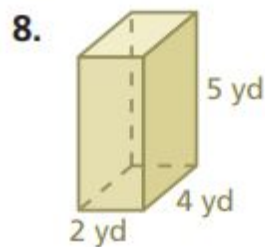
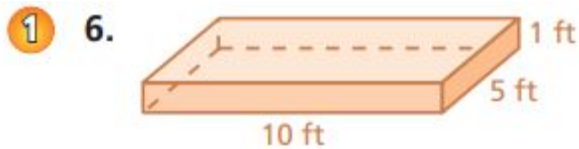
## Practice and Problem Solving

Draw a two-dimensional representation of the prism. Then find the area of the entire surface of the prism.

Draw the representation on your grid it. Label it # 3, 4, & 5.



Find the surface area of the prism.



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18. \_\_\_\_\_

19. \_\_\_\_\_

20. \_\_\_\_\_



