

Sixth Grade: Activity 25 Practice

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Lesson 25-1

1. no
2. 24 in.^2
3. 73.5 cm^2
4. 216 ft^2
5. $1,536 \text{ in.}^2$
6. 121.5 cm^2
7. 294 cm^2
8. $2,166 \text{ in.}^2$
9. $2,646 \text{ mm}^2$
10. 238.14 cm^2
11. $9,600 \text{ in.}^2$
12. 9 cm
13. $2,205 \text{ mm}^2$

Lesson 25-2

14. Check students' nets.
15. 558 ft^2
16. Check students' nets.
17. 312 ft^2
18. 216 cm^2
19. 358 in.^2
20. 792 in.^2
21. 403.6 m^2
22. 540 cm^2
23. 456 in.^2
24. 34 ft^2
25. 236 in.^2 greater
26. **Mathematical Practice: Answers**
may vary. To find the surface area of a prism, add the area of all of the faces. For a cube and a rectangular prism there are 6 faces and for a triangular prism there are only 5 faces.