8.3 Puzzle Time

How Much Is A Skunk Worth?

Write the letter of each answer in the box containing the exercise number.

Find the surface area of the pyramid. The side lengths of the base are equal.

1. 8 in. 10 in.
2. 5 in.
3. 7 in. 9 in.
4. 12.2 in. 8 in.
5. 8.7 in. 8 in. 10 in.
6. 12 in. 6 in. 5.2 in.
7. 4.3 in. 10 in. 5 in.
8. 7.8 in. 7 in. 9 in.

Answers

O. 75 in.²
E. 207 in.²
C. 123.6 in.²
N. 163.5 in.²
E. 260 in.²
T. 129.6 in.²
S. 85.75 in.²
N. 259.2 in.²
8.4 Puzzle Time

What Did The Necktie Say To The Hat?

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<td>G</td>
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Complete each exercise. Find the answer in the answer column. Write the word under the answer in the box containing the exercise letter.

Find the volume of the rectangular prism.

A. $3 \text{ in.} \quad \text{WILL}$
B. $5 \text{ in.} \quad \text{AROUND}$
C. $1 \frac{1}{20} \text{ in.}^3 \quad \text{YOU}$
D. $10 \frac{2}{3} \text{ in.}^3 \quad \text{I}$

Write and solve an equation to find the missing dimension of the rectangular prism.

E. $V = 27 \text{ in.}^3$
F. $V = 352 \text{ in.}^3$
G. $V = 624 \text{ in.}^3$
H. $V = 60 \text{ in.}^3$