Name Date

9.5



Puzzle Time

What Do You Get If You Add Two Bananas To Three Apples?

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

Find the volume of the pyramid with area of base *B* and height *h*.

 1.  2. 

 G.  H.  I.  L.  M.  N. 

 3.  4. 

 Q.  R.  S.  A.  B.  C. 

 5.  6. 

 C.  D.  E.  R.  S.  T. 

 7.  8. 

 F.  G.  H.  A.  B.  C. 

 9. A grocery store has a display of tuna cans stacked to form a rectangular pyramid that is 5 feet tall. The base is 9 feet by 7 feet. What is the volume of the display?

 R.  S.  T. 

 10. Building a campfire, you start by stacking kindling wood to form a pentagonal pyramid that is 27 centimeters tall. The base area is 965 square centimeters. What is the volume of the campfire pyramid?

 U.  V.  W. 

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | 3 | 10 | 1 | 6 |  | 9 | 4 | 2 | 8 | 5 |
|  |  |  |  |  |  |  |  |  |  |  |