Multiplying Fractions | Word Problems

1) Gavin buys a fish tank at the pet shop. The tank's length, width, and height are $\frac{62}{3}$ cm, $\frac{43}{7}$ cm, and $\frac{21}{2}$ cm respectively. What is the volume of the tank?
   [Hint: Volume = length × width × height]

   _____

2) Jenna dug a trench that measured $\frac{28}{8}$ m in width, $\frac{15}{2}$ m in depth, and $\frac{22}{6}$ m in length. If
   sh
   [H

   Preview

   Become a member to unlock unrestricted access to both printable and online worksheets.

3) Au
   fal

   www.tutoringhour.com

4) Yv
   if t
   [Hint: Area = $\frac{1}{2}$ × product of the lengths of the diagonals]

   _____

5) Mr. Saunders keeps his tools on a shelf that has a trapezoidal base. If the height of the base is $\frac{13}{4}$ m, and the sum of the lengths of the parallel sides is $\frac{37}{4}$ m, what is the area of the base of the shelf ? [Hint: Area = $\frac{1}{2}$ × height × sum of the lengths of the bases]

   _____