

Study Guide for HEP Math and Reading Pre-Test

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1. Fractions
 - a. Adding
 - b. Subtracting
 - c. Multiplying
 - d. Dividing
2. Percentages
 - a. Adding a percent
 - b. Subtracting a percent
 - c. Finding a percent of a specific amount
3. Area
 - a. Calculate the area of a square
 - b. Calculate the area of a circle
4. Formula
 - a. Know how to read and use a given formula
5. Triangle
 - a. Know how to calculate its angles

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1. Graphs (how to interpret and use)
 - a. What a scatter plot is
 - b. What a table and chart are
 - c. What a line graph is
2. What a coordinate plane is and how to use it
 - a. Learn to locate a specific point on a coordinate plane

Vocabulary that you should understand

1. Mean
2. Median
3. Radius
4. Area
5. Vertices
6. Angles
7. Rate
8. Proportion

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Additional word problems

11. You need to purchase 2 school books for your HEP class. When you go to the student book store you see that the books are on sale for 20% off. If each book cost \$30, h

A soccer field is the setting in the untitled poem below,
which was written by Ellen Bryant Voigt.

Muscular and fleet, he moves without thinking
among the shifting jerseys on the field.
In his wake the paler one,
through wave after wave of the enemy line,
5 presses the white ball forward: winded and earnest,
he has willed his body to this pitch
until the body is inside his mind
as the mind arranges pieces on the board now
he cuts a wide angle and passes the ball
10 though he knows his friend will never give it back.
Ahead of him, always ahead of him:
this is the pattern
already set in their early victories,
one at the prow, one at the wheel.

For ahead will

will