

2.5b notes.notebook

Alg. 1 2.5 (Application) Notes

Solving Literal Equations and Formulas

Review... Solve for x

1) $5(x-a) = 2x$

On your own...




2) $2 - (3x + 4) = 7$

Alg. 1 2.5 (Application) Notes

On your own...

5) A triangle has a length of 8in and an area of 48in^2 , what is the height?

Alg. 1 2.5 (Application) Notes

Solve each problem. Round to the nearest tenth. (Use    for π)

3) A rectangle has a perimeter of 46cm and width of 6 cm. What is the length?

4) What is the radius of a circle with circumference 44?

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Solve....

6) A rectangular soccer field has an area of 7200yds^2 . It has a width of 60yds. What is the length of the soccer field?

7) You can use the formula $a = \frac{h}{n}$ to find the batting average of a baseball player who has h hits in n times up to bat. If a player has a batting average of .360 and has been up to bat 275 times, how many hits does the batter have?