

Review for Math Quiz – Grade 5's

You will need to know the following:

Lesson 1: Solving For A Variable

- You need to know the following vocabulary words:
variable, expression, equation, constant
- Solve 1 and 2- step equations involving addition, subtraction, multiplication and division making sure that both sides of the equation is balanced
 - ✓ Ex: $3 + 8 = x + 5$
 - ✓ Ex: $10 - 6 = y - 8$
 - ✓ Ex: $s \times 10 = 25 \times 4$
 - ✓ Ex: $25 \div 5 = 45 \div b$
- Do a LEFT SIDE/RIGHT check to see if your answer is correct
- Be able to identify and explain the strategies used when solving equations (e.g., *inverse operation, working backwards, simplifying the question, guess/check/revise, etc.*)

Days for Extra Help: _____

Quiz Date: _____

Use the following chart to help you remember to study. **Have your parents sign each time you study.** You **must** return this on the day of your quiz. You are **not** expected to study every single day – this is just to let your teacher know how much you are studying

How long did you study for?							
Parents Signature							

Study Package

1. Solve for the variable. Show your work.

a) $u + 37 = 55$

$u = \underline{\hspace{2cm}}$

b) $n \times 5 - 15 = 33 + 7$

$n = \underline{\hspace{2cm}}$

c) $72 \div z + 3 = 12$

$z = \underline{\hspace{2cm}}$

d) $12 + e - 8 = 46 - 22$

$e = \underline{\hspace{2cm}}$

e) $3s = 18$

$s = \underline{\hspace{2cm}}$

f) $9 + 19 = 7 \times b$

$b = \underline{\hspace{2cm}}$

2. Pick 3 of the questions above and explain the strategies you used to solve the problem (e.g., *guess/check/revise*, *inverse operation*).