MATHEMATICS · YEAR 6 · ALGEBRA

Finding Missing Numbers in Equations

Use what you know about number operations to find each unknown.

Name _____ **Date** _____

A Find the missing number

Write the number that makes each equation correct.

1 $\square + 18 = 45$

Missing number _____

2 $72 - \square = 39$

Missing number _____

3 $8 \times \square = 64$

Missing number _____

4 $\square \div 7 = 6$

Missing number _____

5 $35 + \square = 81$

Missing number _____

6 $90 \div \square = 10$

Missing number _____

B Solve the equations

Show your working. Remember that a letter stands for a number.

7 $3a + 4 = 25$

Working

a = _____

8 $5b - 7 = 28$

Working

b = _____

9 $2c + 16 = 40$

Working

c = _____

10 $6d - 9 = 33$

Working

d = _____

C Make an equation

Use a letter to represent the unknown number.

A number is multiplied by 5 and then 3 is added. The result is 38. Let the number be **n**. Write an equation and solve it.

Equation _____

Working

n = _____

Check that your value makes the original equation true.