

Unit 6: Expressions and Equations

PRACTICE · SET 2

Name: _____ Date: _____

Solve each problem. Write your answer in simplest form.

1. Evaluate the expression 4^3 .

Answer: _____

2. Evaluate the expression 2^5 .

Answer: _____

3. Evaluate $3x + 7$ when $x = 5$.

Answer: _____

4. Evaluate the expression $5a - 4$ when $a = 9$.

Answer: _____

5. Solve for x : $x + 13 = 21$.

Answer: _____

6. Solve for y : $y - 8 = 15$.

Answer: _____

7. Solve for m : $6m = 54$.

Answer: _____

8. Solve for n : $n/4 = 7$.

Answer: _____

9. Evaluate the expression $2^3 + 5 \times 4$.

Answer: _____

10. Write an expression for 'the product of 8 and a number w , increased by 3' and evaluate it when $w = 6$.

Answer: _____

11. Evaluate the expression $20 - 3x$ when $x = 4$.

Answer: _____

12. Solve for p : $p + 2.5 = 9$.

Answer: _____