

# ALGEBRAIC EXPRESSIONS

Name : ..... Class : ..... Score .....

Evaluate each expression if :  $d = 2$ ,  $e = 3$ ,  $f = 6$  and  $g = 12$

1. **def**

= \_\_\_\_\_

2.  **$(d + g) - (e + f)$**

= \_\_\_\_\_

3.  $\frac{g}{d}$

= \_\_\_\_\_

4.  **$e^2$**

= \_\_\_\_\_

5.  $\frac{f}{d} + 2e$

= \_\_\_\_\_

6.  **$3d^2 - g$**

= \_\_\_\_\_

7.  **$fg - de$**

= \_\_\_\_\_

8.  **$ef - g$**

= \_\_\_\_\_

9.  **$3g + d^2 - e$**

= \_\_\_\_\_

10.  $\frac{ef}{d} + g$

= \_\_\_\_\_

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Evaluate each expression if :  $d = 2$ ,  $e = 3$ ,  $f = 6$  and  $g = 12$ 

1. **def**

$$= \underline{\quad 36 \quad}$$

2.  **$(d + g) - (e + f)$**

$$= \underline{\quad 5 \quad}$$

3.  $\frac{g}{d}$

$$= \underline{\quad 6 \quad}$$

4.  $e^2$

$$= \underline{\quad 9 \quad}$$

5.  $\frac{f}{d} + 2e$

$$= \underline{\quad 9 \quad}$$

6.  $3d^2 - g$

$$= \underline{\quad 0 \quad}$$

7. **fg - de**

$$= \underline{\quad 66 \quad}$$

8. **ef - g**

$$= \underline{\quad 6 \quad}$$

9.  **$3g + d^2 - e$**

$$= \underline{\quad 37 \quad}$$

10.  $\frac{ef}{d} + g$

$$= \underline{\quad 21 \quad}$$