Which of the following is the remainder of –3 $\,g^3$ $_{+}$ 3 $\,g^2$ $_{+}$ 3 $\,g$ $_{+}$ 1 divided by g $+(-3 g^2) + (3 g) + (3)$

$$(\boxed{-3 \text{ g}^3})$$

$$+(3)g^{2} + (3)g + (1)$$

+(3)g + (1)