3.

Which of the following is the remainder of $2p^3 + 3p^2 + 3p - 2$ divided by $p - 2$

$$+ (\boxed{2p^2}) \quad + (\boxed{7p}) \quad + (\boxed{17})$$

$\boxed{p-2}$	$(2)p^3$	$+ (3)p^2$	$+ (3)p$	$+ (-2)$
	$(\boxed{2p^3})$	$+ (\boxed{-4p^2})$		
		$+ (7)p^2$	$+ (3)p$	$+ (-2)$
		$+ (\boxed{7p^2})$	$+ (\boxed{-14p})$	
			$+ (17)p$	$+ (-2)$
			$+ (\boxed{17p})$	$+ (\boxed{-34})$
				$+ (\boxed{32})$