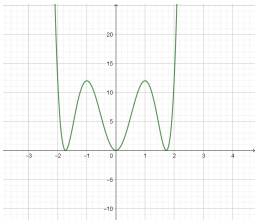
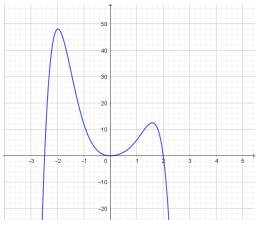
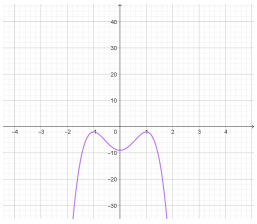
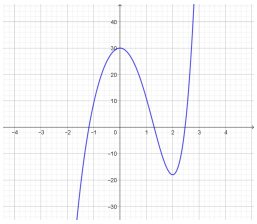
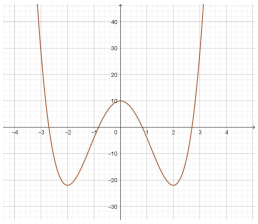
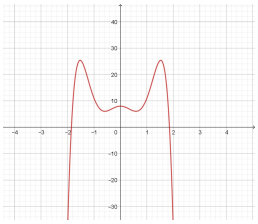
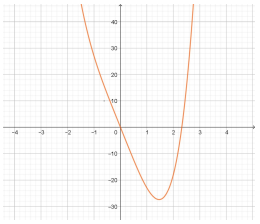
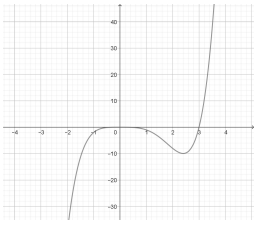
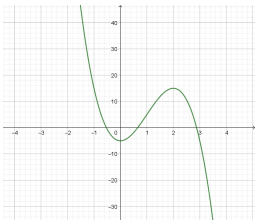
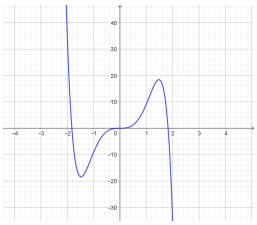
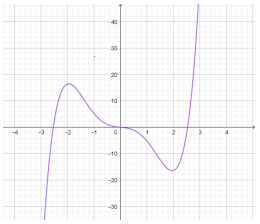
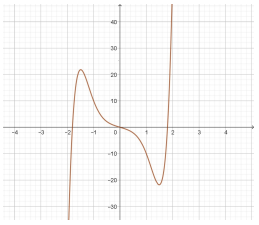
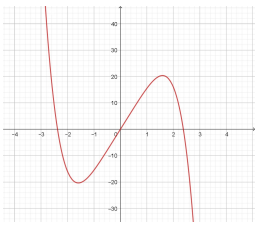
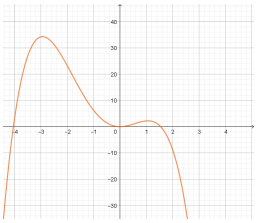
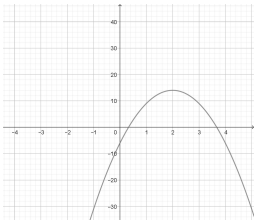
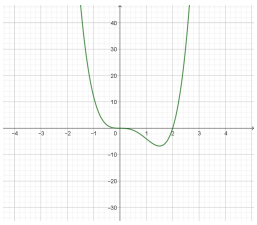
Start		$f(x) \xrightarrow{x\to-\infty} \infty$ $f(x) \xrightarrow{x\to\infty} \infty$	$f(x) = 3x^6 - 18x^4 + 27x^2$
Achsensymmetrisch		Keine Symmetrie	$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} -\infty$
$f(x) =$ $-x^6 + 4x^4 - 3x^3 + 6x^2$	Achsensymmetrisch		$f(x) = -7x^4 + 14x^2 - 9$
$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} -\infty$	$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} \infty$	Keine Symmetrie	
$f(x) = x^5 - 20x^2 + 30$		Achsensymmetrisch	$f(x) \xrightarrow{x\to-\infty} \infty$ $f(x) \xrightarrow{x\to\infty} \infty$
$f(x) = 2x^4 - 16x^2 + 10$		Achsensymmetrie	$f(x) =$ $-5x^6 + 20x^4 - 12x^2 + 8$

$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} -\infty$		Keine Symmetrie	$f(x) \xrightarrow{x\to-\infty} \infty$ $f(x) \xrightarrow{x\to\infty} \infty$
$f(x) = 2x^4 - 25x$	$f(x) = 0,5x^5 - 1,5x^4$	$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} \infty$	
Keine Symmetrie		Keine Symmetrie	$f(x) \xrightarrow{x\to-\infty} \infty$ $f(x) \xrightarrow{x\to\infty} -\infty$
$f(x) = -5x^3 + 15x^2 - 5$	Punktymmetrisch		$f(x) = -0,9x^7 + 10x^3$
$f(x) \xrightarrow{x\to-\infty} \infty$ $f(x) \xrightarrow{x\to\infty} -\infty$		$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} \infty$	$f(x) = 0,8x^5 - 5x^3 - x$
Punktymmetrisch	$f(x) = 2x^7 - 5x^5 - 4x^3 - 3x$	Punktymmetrisch	

$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} \infty$		Punktsymmetrisch	$f(x) = -0,5x^5 + 16x$
$f(x) \xrightarrow{x\to-\infty} \infty$ $f(x) \xrightarrow{x\to\infty} -\infty$	$f(x) = -0.8x^4 - 2x^3 + 5x^2$	Keine Symmetrie	
$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} -\infty$	Keine Symmetrie		$f(x) = -5x^2 + 20x - 6$
$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} -\infty$	$f(x) = 4x^4 - 8x^3$	Keine Symmetrie	
$f(x) \xrightarrow{x\to-\infty} -\infty$ $f(x) \xrightarrow{x\to\infty} -\infty$	Ende		