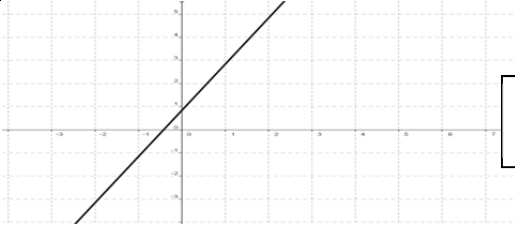
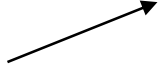
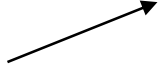
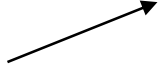
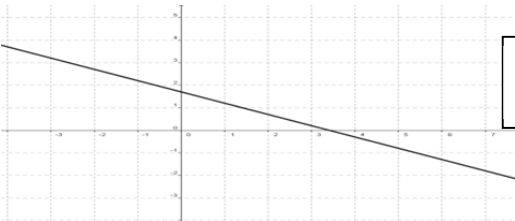
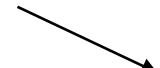
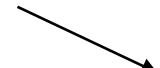
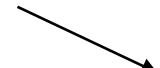
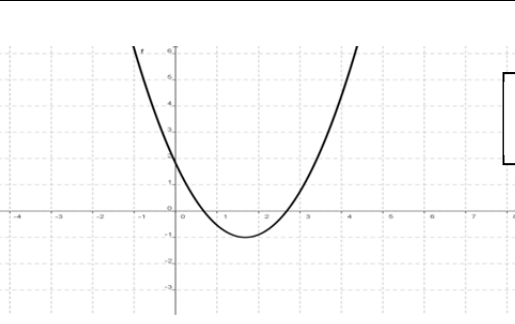
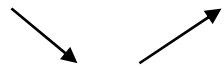
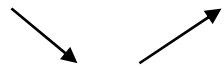
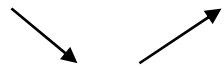
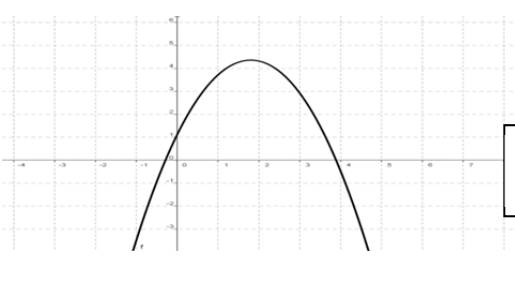



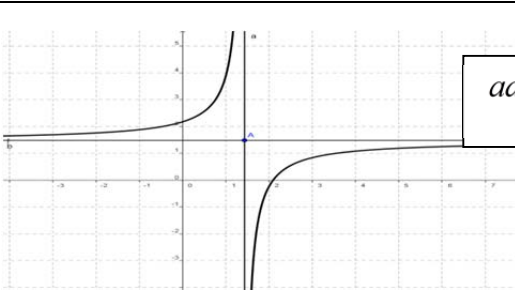
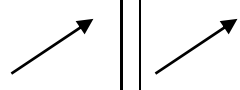
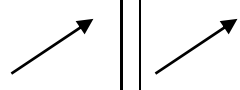
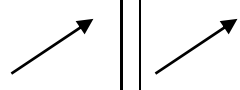
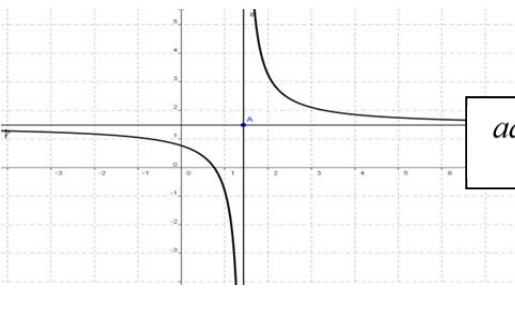
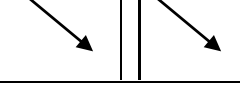
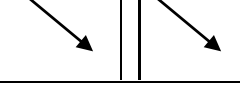




التمثيل المبياني	الخصائص	الدالة								
	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">$a > 0$</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">x</td> <td style="width: 15%;">$-\infty$</td> <td style="width: 15%;"></td> <td style="width: 15%;">$+\infty$</td> </tr> <tr> <td>$f(x)$</td> <td colspan="3" style="text-align: center;">  </td> </tr> </table> <p style="text-align: center;">$y = ax + b$ مستقيم معادلته (Cf)</p>	x	$-\infty$		$+\infty$	$f(x)$				$f(x) = ax + b$ $a \neq 0$
x	$-\infty$		$+\infty$							
$f(x)$										
	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">$a < 0$</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">x</td> <td style="width: 15%;">$-\infty$</td> <td style="width: 15%;"></td> <td style="width: 15%;">$+\infty$</td> </tr> <tr> <td>$f(x)$</td> <td colspan="3" style="text-align: center;">  </td> </tr> </table>	x	$-\infty$		$+\infty$	$f(x)$				
x	$-\infty$		$+\infty$							
$f(x)$										
	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">$a > 0$</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">x</td> <td style="width: 15%;">$-\infty$</td> <td style="width: 15%;">$-\frac{b}{2a}$</td> <td style="width: 15%;">$+\infty$</td> </tr> <tr> <td>$f(x)$</td> <td colspan="3" style="text-align: center;">  </td> </tr> </table> <p style="text-align: center;">$\Omega\left(-\frac{b}{2a}; f\left(-\frac{b}{2a}\right)\right)$ شلجم رأسه (Cf) محوره المستقيم ذو المعادلة: $x = -\frac{b}{2a}$</p>	x	$-\infty$	$-\frac{b}{2a}$	$+\infty$	$f(x)$				$f(x) = ax^2 + bx + c$ $a \neq 0$
x	$-\infty$	$-\frac{b}{2a}$	$+\infty$							
$f(x)$										
	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">$a < 0$</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">x</td> <td style="width: 15%;">$-\infty$</td> <td style="width: 15%;">$-\frac{b}{2a}$</td> <td style="width: 15%;">$+\infty$</td> </tr> <tr> <td>$f(x)$</td> <td colspan="3" style="text-align: center;">  </td> </tr> </table>	x	$-\infty$	$-\frac{b}{2a}$	$+\infty$	$f(x)$				
x	$-\infty$	$-\frac{b}{2a}$	$+\infty$							
$f(x)$										
	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">$ad - bc > 0$</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">x</td> <td style="width: 15%;">$-\infty$</td> <td style="width: 15%;">$-\frac{d}{c}$</td> <td style="width: 15%;">$+\infty$</td> </tr> <tr> <td>$f(x)$</td> <td colspan="3" style="text-align: center;">  </td> </tr> </table> <p style="text-align: center;">$\Omega\left(-\frac{d}{c}; \frac{a}{c}\right)$ هذلول مركز تماثله: (Cf) مقاربه المستقيمان: $y = \frac{a}{c}$ و $x = -\frac{d}{c}$</p>	x	$-\infty$	$-\frac{d}{c}$	$+\infty$	$f(x)$				$f(x) = \frac{ax + b}{cx + d}$ $ad - bc \neq 0$
x	$-\infty$	$-\frac{d}{c}$	$+\infty$							
$f(x)$										
	<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">$ad - bc < 0$</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">x</td> <td style="width: 15%;">$-\infty$</td> <td style="width: 15%;">$-\frac{d}{c}$</td> <td style="width: 15%;">$+\infty$</td> </tr> <tr> <td>$f(x)$</td> <td colspan="3" style="text-align: center;">  </td> </tr> </table>	x	$-\infty$	$-\frac{d}{c}$	$+\infty$	$f(x)$				
x	$-\infty$	$-\frac{d}{c}$	$+\infty$							
$f(x)$	