Voorbeeld DE2

**Geen gebruik van rekenmachine toegestaan tenzij anders vermeld** .

1. Schrijf als één logaritme en bereken [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>32</m:t></m:r></m:e></m:d></m:e></m:func><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>+</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:i /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>(0,5)</m:t></m:r></m:e></m:func><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /></w:rPr><m:t>=</m:t></m:r></m:oMath>:
2. Schrijf als één logaritme: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t xml:space="preserve">6 . </m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>loga</m:t></m:r></m:oMath>

6 .

1. Schrijf als één logaritmen: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>7</m:t></m:r></m:sup></m:sSup><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>a</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>+</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>7</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>logb-</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>7</m:t></m:r></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:rad><m:radPr><m:degHide m:val="1" /><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:radPr><m:deg /><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>c</m:t></m:r></m:e></m:rad><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r></m:e></m:func></m:oMath>

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1. Bereken met rekenmachine: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>325</m:t></m:r></m:e></m:d></m:e></m:func><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r></m:oMath>
2. Bereken met rekenmachine: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:f><m:fPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:fPr><m:num><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>1</m:t></m:r></m:num><m:den><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r></m:den></m:f></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>29</m:t></m:r></m:e></m:d></m:e></m:func><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r></m:oMath>
3. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>x-5</m:t></m:r></m:e></m:d><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>x+3</m:t></m:r></m:e></m:d><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=0</m:t></m:r></m:oMath>

(*x* − 6)(*x*+5)=0

1. Los op [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>p-7</m:t></m:r></m:e></m:d><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=240</m:t></m:r></m:oMath>

2(*b* − 5)= 40

1. Los op, zonder abc-formule: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>x</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>+5x=-6</m:t></m:r></m:oMath>
2. Los op door ontbinden in factoren: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>s</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=49</m:t></m:r></m:oMath>

*K2* =169

1. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:f><m:fPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:fPr><m:num><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5</m:t></m:r></m:num><m:den><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>a</m:t></m:r></m:den></m:f><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r></m:oMath>
2. Los op:

[Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:f><m:fPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:fPr><m:num><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5x</m:t></m:r></m:num><m:den><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>6</m:t></m:r></m:den></m:f><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r><m:f><m:fPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:fPr><m:num><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2-4x</m:t></m:r></m:num><m:den><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r></m:den></m:f></m:oMath>

1. Los op, zonder abc-formule: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>I</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=584</m:t></m:r></m:oMath>

256

1. Los op, zonder abc-formule: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>v+5</m:t></m:r></m:e></m:d></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>-9=0</m:t></m:r></m:oMath>
2. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:rad><m:radPr><m:degHide m:val="1" /><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:radPr><m:deg /><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>m</m:t></m:r></m:e></m:rad><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=7</m:t></m:r></m:oMath>
3. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5a-</m:t></m:r><m:f><m:fPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:fPr><m:num><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>1</m:t></m:r></m:num><m:den><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:den></m:f><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=0</m:t></m:r></m:oMath>
4. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2-8</m:t></m:r><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>x=-3-6x</m:t></m:r></m:oMath>

3 – 7*p* = − 3 + 9*p*

1. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>7t=4</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>t</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>+3</m:t></m:r></m:oMath>

5*t* = 2*t*2  + 3

1. Los op: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>s</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>-5=0</m:t></m:r></m:oMath>
2. Bereken: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log81=</m:t></m:r></m:oMath>
3. Bereken: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:f><m:fPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:fPr><m:num><m:rad><m:radPr><m:degHide m:val="1" /><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:radPr><m:deg /><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5</m:t></m:r></m:e></m:rad></m:num><m:den><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>5</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>-1</m:t></m:r></m:sup></m:sSup></m:den></m:f></m:e></m:d><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r></m:oMath>
4. Schrijf als één logaritme: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2.</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>7</m:t></m:r></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3+z</m:t></m:r></m:e></m:d></m:e></m:func><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t xml:space="preserve"> -</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e /><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>7</m:t></m:r></m:sup></m:sSup><m:func><m:funcPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr></m:ctrlPr></m:funcPr><m:fName><m:r><m:rPr><m:sty m:val="p" /></m:rPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>log</m:t></m:r></m:fName><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>a+5</m:t></m:r></m:e></m:d></m:e></m:func><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r></m:oMath>
5. Druk [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>m</m:t></m:r></m:oMath>*p* uitin *q* voor de volgende formule:
6. Druk *p* uit in *Q* voor de volgende formule: [Vergelijking]<m:oMath xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:szCs w:val="24" /></w:rPr><m:t>A=43∙</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:i /><w:szCs w:val="24" /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:d><m:dPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:i /><w:szCs w:val="24" /></w:rPr></m:ctrlPr></m:dPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:szCs w:val="24" /></w:rPr><m:t>3,1</m:t></m:r></m:e></m:d></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" /><w:szCs w:val="24" /></w:rPr><m:t>h</m:t></m:r></m:sup></m:sSup></m:oMath>
7. Gegeven de volgende functies: [Vergelijking]<m:oMathPara xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:oMath><m:sSub><m:sSubPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /><w:szCs w:val="24" /></w:rPr></m:ctrlPr></m:sSubPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:szCs w:val="24" /></w:rPr><m:t>y</m:t></m:r></m:e><m:sub><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:szCs w:val="24" /></w:rPr><m:t>1</m:t></m:r></m:sub></m:sSub><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:szCs w:val="24" /></w:rPr><m:t>=6</m:t></m:r></m:oMath></m:oMathPara> [Vergelijking]<m:oMathPara xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"><m:oMath><m:sSub><m:sSubPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSubPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>y</m:t></m:r></m:e><m:sub><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>2</m:t></m:r></m:sub></m:sSub><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>=</m:t></m:r><m:sSup><m:sSupPr><m:ctrlPr><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /><w:i /></w:rPr></m:ctrlPr></m:sSupPr><m:e><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>3</m:t></m:r></m:e><m:sup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>x</m:t></m:r></m:sup></m:sSup><m:r><w:rPr xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"><w:rFonts w:ascii="Cambria Math" w:hAnsi="Cambria Math" w:eastAsiaTheme="minorEastAsia" /></w:rPr><m:t>-3</m:t></m:r></m:oMath></m:oMathPara>

Bereken het snijpunt van deze twee functies.

1. Een werknemer heeft met zijn baas afgesproken, dat hij de eerstkomende 8 jaar 1,8 % loonsverhoging krijgt per jaar.

In onderstaande tabel zie je het loon na 1 jaar, 2 jaar en 3 jaar.

|  |  |  |  |
| --- | --- | --- | --- |
| t(jaar) | 1 | 2 | 4 |
| Loon (€) | 35630 | 36271,34 | 37588,86 |

Er is hier sprake van een exponentiële functie.

Bepaal de bijbehorende formule voor het loon (L, in euro) als functie van tijd (t, in jaar). 