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Selsiklus en mitose

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| **Across****2.** Lang spirale van DNS wat in die selkern van selle voorkom.**9.** Is subsellulêre strukture wat een of meer spesifieke take in die sel moet verrig.**11.** Insnoering van die selmembraan verdeel sel in 2 selle.**14.** Verdeling van die selkern.**15.**  Selle wat voortspruit uit die verdeling van 'n enkele ouer sel.**17.** Is die eerste fase van seldeling in mitose.**18.** Wanneer die sel groei en die DNA repliseer.**19.** Bestaan ​​uit al die inhoud buite die kern en word binne die selmembraan van 'n sel ingesluit. **20.** Volgorde van fases waardeur sel tussen seldeling gaan. | **Down****1.** 'n Massa genetiese materiaal wat bestaan ​​uit DNA en proteïene wat kondenseer om chromosome te vorm.**3.** Is die derde fase van mitose, die proses wat gedupliseerde genetiese materiaal skei wat in die kern van 'n moedersel in twee identiese dogterselle gedra word.**4.** Die proses van DNA duplisering word genoem**5.** 'n Organel wat selle help verdeel, of kopieë daarvan maak.**6.** Finale fase in mitose.**7.** Is twee identiese afskrifte van 'n enkele herplasiete chromosoom wat deur 'n sentromere verbind word.**8.** Strukture waaraan chromosome heg tydens Metafase.**10.** Die plek in 'n chromosoom waar die twee kopieë, of suster-​chromatiede, ná replisering tydens mitose aan mekaar geheg is.**12.** Dit word omring deur 'n dubbele kernmembraan waarvan die buitenste plek-plek met die endoplasmiese retikulum verbind is.**13.** Is die vierde fase van mitose, die proses wat die gedupliseerde genetiese materiaal wat in die kern van 'n moedersel gedra word, skei in twee identiese dogterselle.**16.** 'n Denkbeeldige lyn in die middel van sel tussen die 2 pole. |

   selsiklus       chromosome       Interfase       spoeldrade       sitokinese       dogterselle       telofase       sentromeer       selkern       organelle       sitoplasma       ewenaar       sentriool       chromatien       DNS-replikasie       susterchromatiede       anafase       metafase       profase       kariokinese