**Samostatná práce** do pátku 12.6.2020

Vypočítej:

1. $16k+8k=24k$
2. $4a^{2}-15a^{2}=-11a^{2}$
3. $c^{2}-5c^{2}-5=-4c^{2}-5$
4. $0,9a^{2}-0,4b^{2}+1,1a^{2}=2a^{2}-0,4b^{2}$
5. $1,2x+0,7y-0,9y-1,3y+y=1,2x-0,5y$
6. $-\left(5a-8b\right)=-5a+8b$
7. $7z-\left(3z-y\right)=7z-3z+y=4z+y$
8. $6u∙3v=18uv$
9. $5xy∙2yz=10xy^{2}z$
10. $4r∙5s∙\left(-4s\right)=-80rs^{2}$
11. $-6x∙\left(-5x^{2}y\right)=30x^{3}y$
12. $8a∙\left(2a-3ab+b\right)=16a^{2}-24a^{2}b+8ab$
13. $-3u∙\left(5+2uv-7\right)=-15u-6u^{2}v+21u=6u-6u^{2}v$
14. $\left(p+7\right)∙\left(3p+2\right)=3p^{2}+2p+21p+14=3p^{2}+23p+14$
15. $\left(5x+3y\right)∙\left(2x-6y\right)=10x^{2}-30xy+6xy-18y^{2}=10x^{2}-24xy-18y^{2}$
16. $\left(p-q\right)∙\left(4p-3q\right)=4p^{2}-3pq-4pq+3q^{2}=4p^{2}-7pq+3q^{2}$
17. $0,5a∙\left(2ab+6a-10b\right)=1a^{2}b+3a^{2}-5ab=a^{2}b+3a^{2}-5ab$
18. $-8∙\left(3x-4y+xy\right)=-24x+32y-8xy$