Príprava na písomku

1. Upravte pomocou vzorcov:
	1. $\left(2a+b\right)^{2}=$
	2. $\left(3x+5\right)^{2}=$
	3. $\left(2+\sqrt{6}\right)^{2}=$
	4. $\left(\sqrt{8}-b\right)^{2}=$
	5. $\left(\sqrt{5}-\sqrt{2}\right)^{2}=$
	6. $\left(\sqrt{8}-\sqrt{2}\right)^{2}=$
	7. $\left(\sqrt{10}-\sqrt{2}\right)^{2}=$
	8. $\left(x+4y\right)^{2}=$
	9. $\left(2x-4\right)^{2}=$
	10. $\left(2-\sqrt{12}\right)^{2}=$
	11. $\left(3a+5\right)\left(3a-5\right)=$
	12. $\left(x-1\right)\left(x+1\right)=$
	13. $16a^{2}-4b^{2}=$
	14. $9-x^{2}=$
	15. $a^{2}-1=$
	16. $\left(\sqrt{7}+\sqrt{5}\right)^{2}=$
2. Čiastočne odmocnite:
	1. $\sqrt{50}=$
	2. $\sqrt{72}=$
	3. $\sqrt{27}=$
	4. $\sqrt{32}=$
	5. $\sqrt{98}=$
	6. $\sqrt{12}=$
	7. $\sqrt[3]{48}=$
	8. $\sqrt[3]{54}=$
	9. $\sqrt[3]{24}=$
	10. $\sqrt[3]{128}=$
	11. $\sqrt[3]{16}=$
	12. $\sqrt[3]{250}=$
	13. $\sqrt[4]{3^{7}=}$
	14. $\sqrt[6]{5^{9}}=$
	15. $\sqrt[10]{12^{24}}=$
	16. $\sqrt[5]{3^{8}}=$
3. Usmernite zlomky:
	1. $\frac{5}{\sqrt{7}}=$
	2. $\frac{2}{\sqrt{3}}=$
	3. $\frac{3}{\sqrt{5}}=$
	4. $\frac{4}{\sqrt{8}}=$
	5. $\frac{2}{\sqrt{5}+1}=$
	6. $\frac{28}{\sqrt{10}+\sqrt{2}}=$
	7. $\frac{1+\sqrt{3}}{1-\sqrt{3}}=$
	8. $\frac{1+\sqrt{2}}{1-\sqrt{2}}=$
	9. $\frac{\sqrt{3}-2}{\sqrt{3}+2}=$
	10. $\frac{\sqrt{2}-1}{\sqrt{2}+1}=$
	11. $\frac{\sqrt{2}-\sqrt{7}}{\sqrt{2}+\sqrt{7}}=$
	12. $\frac{\sqrt{3}+\sqrt{5}}{\sqrt{3}-\sqrt{5}}=$
	13. $\frac{\sqrt{3}-\sqrt{5}}{\sqrt{3}+\sqrt{5}}=$