因数分解・展開 (重要)

括弧をはずせ

1. $(2x+1)^2 =$
2. $(x-y)\left(x^2+xy+y^2\right) =$
3. $(a+b+c)\left(a^2+b^2+c^2-ab-bc-ca\right) =$
4. $(x+2)^5 =$

因数分解せよ

1. $yx^3+yx^2 =$
2. $10a^2-17a-20 =$
3. $8a^3-27 =$
4. $x^3+x^2z+x^2y+xzy =$
5. $8x^3-36x^2+54x-27 =$