24, 25, 28, 26, 27

24. $2(r^2+1) = 5r$

$-5r$

$2(r^2+1)-5r=0$

$2r^2+2-5r=0$

$2r^2-5r+2=0$

$(2r-1)(r-2)=0$

$2r^2-4r-r+2$

$2r-5r+2$ ✓

$2r-1=0$ $\quad r-2=0$

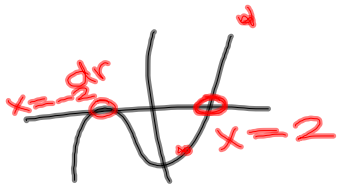
$+1$ $\quad +2$

$\frac{2r}{2}=\frac{1}{2}$ $\quad r=2$

$r=1/2$

25. $(x-1)(x^2+x-2)=0$

26. $(x+2)(x^2-4)=0$



27. $y^2(y-3)(y^2-9)=0$

$y^2(y-3)(y-3)(y+3)=0$

$y=0$ dr $\quad y-3=0$ $\quad y+3=0$

$y=3$ dr $\quad y=-3$

28. $(x^2-1)(x^2+3x+2)=0$

$(x-1)(x+1)(x+1)(x+2)=0$

$x=1$ $\quad x=-1$ dr $\quad x=-2$