327 
$$6u^2 + 5u - 6 =$$

$$4y^2 - 21y - 18 =$$

$$S = -21$$
 | => -24, 3

$$=6u^2 + 9u - 4u - 6 =$$

$$=4y^2-24y+3y-18=$$

$$=3u(2u+3)-2(2u+3)=$$

$$=4y(y-6)+3(y-6)=$$

$$=(2M+3)(3M-2)$$

$$= (y-6)(4y+3)$$

307 
$$t^2 + t - 20 =$$

$$x^2 - 3x - 28 =$$

$$S = 1$$
 | => 5, -4

$$S = -3$$
 | => -7, 4  
P = -28 | => -7, 4

$$= (X-7)(X+4)$$

334 
$$2x^2 - 5ax - 3a^2 =$$

$$9x^2 - 6ax - 8a^2 =$$

S=-5a

$$S = -6a$$
 $P = -72a$ 
 $P = -72a$ 
 $P = -72a$ 

 $P = 2(-3a^2) = -6a^2$ 

-6a 1a

$$= 3 \times (3 \times -4 a) + 2 a (3 \times -4 a) =$$

 $=2x^{2}-6ax+ax-3a^{2}=$ 

$$= (3x-4a)(3x+2a)$$

 $= 2 \times (x - 3a) + a(x - 3a) =$ 

$$= (x-3a)(2x+a)$$

382 
$$a^2x^3 - a^6x = \alpha^2 \times (x^2 - \alpha^4) =$$

$$= \alpha^2 \times (x - \alpha^2)(x + \alpha^2)$$

383 
$$2a^3 - 12a^2 + 18a = 2a (a^2 - 6a + 9) =$$

$$=2\alpha\left(\alpha-3\right)^{2}$$

384 
$$x^3y + x^2y^2 - x - y =$$

$$= x^{2}y(x+y) - (x+y) = (x+y)(x^{2}y-1)$$

385 
$$x^8 - 16x^4 =$$

$$= \times^{4} (\times^{4} - 16) = \times^{4} (\times^{2} - 4) (\times^{2} + 4) =$$

$$= x^{4}(x-2)(x+2)(x^{2}+4)$$

386 
$$2x^2 - 2x - 12 = 2(x^2 - x - 6) = 2(x - 3)(x + 2)$$

415 
$$a^2 - b^2 + ax + bx =$$

$$= (a-b)(a+b) + x(a+b) =$$

$$= (\alpha + lr) (a - lr + x)$$

417 
$$4x^2 - y^2 - 2x + y =$$

$$=(2x-y)(2x+y)-(2x-y)=$$

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

422 
$$(2a-1)^3-4a^2+1=$$

$$=(2a-1)^3-(4a^2-1)=$$

$$=(2\alpha-1)^3-(2\alpha-1)(2\alpha+1)=$$

$$=(2a-1)[(2a-1)^2-(2a+1)]=$$

$$= (2\alpha - 1)(4\alpha^2 - 6\alpha) =$$