Ethan DUAULT Math s 1STI2DB

1) x²-9

2) 4x²-25

3) 49-16x²

4) 3(x-5)-(x-5)(2x+1)

5) (4x-1)(x-5)-(x-5)(2x+1)

1. x²-9

= (x-3)(x+3)

1. 4x²-25

=(2x-5)(2x+5)

1. 49-16x²

=7²-(4x)²=(7-4x)(7+4x)

1. 3(x-5)-(x-5)(2x+1)

=

= (x-5)[3 – (3x+1)]

1. (4x-1)(x-5)-(x-5)(2x+1)

= 4x²+4x\*-5-1x-6 – 2x²+x-10x+-4

=6x²-10x-10

=(x-5)(2x-2)