**19. 10. 2020 Matematika**

Práce na doma: Procvičit vzorce

**Umocněte podle vzorce: ( a + b )2 = a2 + 2ab + b2**

( o + p )2 = ( m + n )2 =

( c + d )2 = ( k + 2 )2 =

( c + 6 )2 = ( 6 + c )2 =

( k + 4 )2 = ( 4 + k )2 =

( z + 1 )2 = ( p + 3 )2 =

( x + y )2 = (10 + v )2 =

( 12 + a )2 = ( h + 11 )2 =

( 7 + z )2 = ( 1 + w )2 =

( 50 + r )2 = ( 100 + d )2 =

( s + 2 )2 = ( 2 + s )2 =

( b + 0,25)2 = ( 0,2a + 1 )2 =

( 0,1c + 0,5 )2 = ( 8c + 0,02 )2 =

( 3m + p )2 = ( 5n + 3 )2 =

( r + 7s )2 = ( a + 2b)2 =

( ab + c )2 = ( 9 + 2m)2 =

( 3a + b )2 = ( 4v + 5 )2 =

( 7 + 3m )2 = ( z + 5y )2 =

( a + 4b )2 = ( 3y + 1 )2 =

( 7m + n )2 = ( 2z + 5 )2 =

( 8r + 5 )2 = ( 2b + 0,25)2 =

(2 + 0, 5a)2 = ( -2a - b)2 =

( -x - y )2 = ( -x – 2y )2 =

**Umocněte podle vzorce: ( a - b )2 = a2 - 2ab + b2**

( r - s )2 = ( r - 6 )2 =

( c + d )2 = ( k + 2 )2 =

( 6 - r )2 = ( k - 2 )2 =

( k - 4 )2 = ( 2 - k )2 =

( z - 2 )2 = ( p -3 )2 =

( x - y )2 = (10 - v )2 =

( 12 - a )2 = ( h - 11 )2 =

( 7 - z )2 = ( 1 - w )2 =

( q - 3 )2 = ( 5 - a )2 =

( 9 - d )2 = ( 8 - u )2 =

( 7 - z )2 = ( 1 - w )2 =

( 50 - r )2 = ( 100 + d )2 =

( s - 2 )2 = ( 2 - s )2 =

( b - 0,25)2 = ( 0,2a - 1 )2 =

( 0,1c - 0,5 )2 = ( 8c - 0,02 )2 =

( 3m - p )2 = ( 5n - 3 )2 =

( r - 7s )2 = ( a - 2b)2 =

( ab - c )2 = ( 9 - 2m)2 =

( 3a - b )2 = ( 4v - 5 )2 =

( 7 - 3m )2 = ( z - 5y )2 =

( a - 4b )2 = ( 3y - 1 )2 =

( 7m - n )2 = ( 2z - 5 )2 =

( 8r - 5 )2 = ( 2b - 0,25)2 =

( 2 - 0, 5a)2 = ( -2a + b)2 =

**Umocněte podle vzorce: a2 - b2 = (a + b).(a – b)**

c2 – d2 = 4 – k2 =

x2 – y2 = 64x2 – 16y2 =

49– 36u2 = 9 a2b2 – 4c2 =

a2 - c2 = d2 - 9=

4m2 - p2 = u2 - 9=

25 m2 – 16p2 = 81 – 144v2 =

2x2 – 9yz2 = p2 - q2 =

y2 - 4= z2 - 36=

9u2 – 16v2 = a2 b2 - c2 =

m2 – 16 = x2 – 9 =

25 – z2 =  a2 – 100 =

49a2 – 4b2 = 81p2 – 4 =

64 – y4 = c2 – 49 =

100 – 4m2 = 0,16r2 – 0,04 =

81a2 - b2 = 16m2 – 1 =

= 9x2 - 4 y2z2 =

(3x – 2) - y2 = 9 - a2 =

25 v2 – 49 = 16 - u2 =

t4 – 4 = 1 – d8 =

w12 – x16 = 4 v2 – x4 =

y2  - z8 =  t2 – t4 =

n6 – 81 = b2 - 36 a2 =

Kontrola předcházející práce:

1. PS 1: str. 66/ cvičení A23 – A26





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