**EXPRESSÕES COM NÚMEROS INTEIROS**

1) Resolva as expressões abaixo:

a)   2 . [ ( 5 – 2 ) . ( 3 + 2 . 7 )] – 2 =

b) 2 + 8 – 3 – 5 + 15 =

c) 12 + [35 - (10 + 2) +2] =

d) -8 + {-5 + [(8 – 12) + (13 + 12)] – 10} =

e) 3 – {2 + (11 – 15) – [5 + (-3 + 1)] + 8} =

f) 87 + 7 . 85 - 120 =

g) (-15+4) + [-18+(-3-7+5)]

2) Complete a tabela abaixo:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| *x* | *y* | *x + y* | *x – y* | *xy* | *x + xy* | *xy – y* |
|  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

3) Resolver as expressões:

a) 50 - {40 - 3x [5 - (10 - 7)]}=

b) 35 + ( 13 x 8 - 4 ) =

c) (12 + 2 x 5 ) – 8 =

d) 25 + (15 + 6 : 3) x 5 – 10 =

e) 45 : ( 3 x 2 + 9) =

f) 4x( 32: 8 + 6)+100 – (3 x 20 + 30)

g) 5 x ( 8 + 12 – 6 ) : 7 =

h) (8 + 6 : 3) x 10 =

i) 132 : ( 7 – 1 ) x ( 18 – 7 ) =

j) (7 x 6 + 8) : ( 38 – 7 x 4) =

k) ( 27 : 3 + 1) x ( 5 x 5 - 20) =

l) 12 x 2+ ( 6 + 5 x 12 ) : 11=

m) ( 18 + 3 x 9) : ( 4 x 7 – 13) =

n) 6 x ( 14 – 4 + 6 ) – 16 – 6 =

o) ( 25 + 5) : ( 3 x 2 + 4) =

4) Resolver as expressões:

a) [ 30 + 2 x ( 5 – 3 ) ] x 2 – 10 =

b) 80 - 5 x ( 28 - 6 x 4 ) + 6 - 3 x 4 =

c) 60 + 2 x {[ 4 x ( 6 + 2 )- 10 ]+ 12} =

d) 60 - [8 + ( 10 - 2 ) : 2] =

e) { 10 + [ 5 x ( 4 + 2 x 5) - 8] x 2 } - 100 =

f) 180 + { 2 x [5 x 3+( 8 x 6 – 2 x 9 ) – (19 x 3 – 37) =