Evaluate Expressions 1

Evaluate:

1. $3 + 9h - 2 - 6s$ $h=3, s=7$
2+9(3)-2-6(7)
3+27-2-42
-14

2. $7(-8z - 2r)$ $z=9, r=2$
7(-8(9)-2(2))
7(-72-4) = 7(-76)
-532

3. $2(-9k - 3t) + 7$ $k=6, t=2$
2(-9(6)-3(2))+7
2(-54-6)+7 = 2(-60)+7
-120+7 = **-113**

4. $2 - \frac{w}{?} + 6c$ $w=8, c=6$
2-(8/2)+6(6)
2-4+36
34

Evaluate Expressions 2

Evaluate:

1. $4 + 6h - 2 - 3s$ $h=6, s=3$
4+6(6)-2-3(3)
4+36-2-9
29

2. $3(-2z - 4r)$ $z=2, r=3$
3(-2(2)-4(3))
3(-4-12) = 3(-16)
-48

3. $3(-3k - t) + 7$ $k=2, t=4$
3(-3(2)-4)+7
3(-6-4)+7 = 3(-10)+7
-30+7 = **-23**

4. $5 - \frac{w}{?} + 3c$ $w=6, c=-2$
5-(6/3)+3(-2)
5-2-6
-3

Evaluate Expressions 3

Evaluate:

1. $7 + 3h - 5 - 2s$ $h=4, s=-2$
7+3(4)-5-2(-2)
7+12-5+4
18

2. $4(-z - 2r)$ $z=5, r=2$
4(-5-2(2))
4(-5-4) = 4(-9)
-36

3. $2(-3k - 2t) + 5$ $k=-1, t=3$
2(-3(-1)-2(3))+5
2(3-6)+5 = 2(-3)+5
-6+5 = **-1**

4. $6 - \frac{18}{?} + 4c$ $w=3, c=4$
6-(18/3)+4(4)
6-6+16
16

Evaluate Expressions 4

Evaluate:

1. $3 + 9h - 4 - 2s$ $h=2, s=-1$
3+9(2)-4-2(-1)
3+18-4+2
19

2. $-3(z - 3r)$ $z=6, r=3$
-3(6-3(3))
-3(6-9) = -3(-3)
9

3. $4(-k - 3t) + 3$ $k=2, t=3$
4(-2-3(3))+3
4(-2-9)+3 = 4(-11)+3
-44+3 = **-41**

4. $8 - \frac{12}{?} + 5c$ $w=2, c=3$
8-(12/2)+5(3)
8-6+15
17

Evaluate Expressions 5

Evaluate:

1. $4 + 5h - 5 - 4s$ $h=5, s=4$
4+5(5)-5-4(4)
4+25-5-16
8

2. $-10(z - 4r)$ $z=-3, r=3$
-10(-3-4(3))
-10(-3-12) = -10(-15)
150

3. $2(-4k - 2t) + 6$ $k=4, t=5$
2(-4(4)-2(5))+6
2(-16-10)+6 = 2(-26)+6
-52+6 = **-46**

4. $2 - \frac{25}{?} + 5c$ $w=5, c=-2$
2-(25/5)+5(-2)
2-5-10
-13

Evaluate Expressions 6

Evaluate:

1. $1 + h - 6 - 3s$ $h=12, s=-5$
1+12-6-3(-5)
1+12-6+15
22

2. $-(3z - 2r)$ $z=-2, r=4$
-(3(-2)-2(4))
-(-6-8) = -(-14)
14

3. $7(-2k - 4t) + 3$ $k=6, t=5$
7(-2(6)-4(5))+3
7(-12-20)+3 = 7(-32)+3
-30+7 = **-221**

4. $3 - \frac{36}{?} + 3c$ $w=6, c=-1$
3-(36/6)+3(-1)
3-6-3
-6

Evaluate Expressions 7

Evaluate:

1. $1 - 3h - 2 + 3s$ $h=-1, s=3$
1-3(-1)-2+3(3)
1+3-2+9
11

2. $3(4z - 4r)$ $z=4, r=5$
3(4(4)-4(5))
3(16-20) = 3(-4)
-12

3. $4(4k - 2t) + 5$ $k=1, t=-1$
4(4(1)-2(-1))+5
4(4+2)+5 = 4(6)+5
24+5 = **29**

4. $5 - \frac{16}{?} - c$ $w=4, c=6$
5-(16/4)-6
5-4-6
-5

Evaluate Expressions 8

Evaluate:

1. $5 - 5h - 4 + 7s$ $h=5, s=7$
5-5(5)-4+7(7)
5-25-4+49
25

2. $8(2z - 8r)$ $z=5, r=8$
8(2(5)-8(8))
8(10-64) = 8(-54)
-432

3. $2(9k - 6t) + 3$ $k=9, t=6$
2(9(9)-6(6))+3
2(81-36)+3 = 2(45)+3
90+3 = **93**

4. $15 - \frac{w}{8} + c$ $w=64, c=4$
15-(64/8)+4
15-8+4
11

Evaluate Expressions 9

Evaluate:

1. $10 - 2h - 5 + 9s$ h=-2, s=-9

10-2(-2)-5+9(-9)
10+4-5-81
-72

2. $2(2z - 7r)$ z=10, r=7

2(2(10)-7(7))
2(20-49) = 2(-29)
-58

3. $2(3k - 9t) + 6$ k=3, t=-9

2(3(3)-9(-9))+6
2(9+81)+6 = 2(90)+6
180+6 = **186**

4. $3 - \frac{81}{w} + 2c$ w=9, c=-2

3-(81/9)+2(-2)
3-9-4
-10

Evaluate Expressions 10

Evaluate:

1. $100 - 2h - 8s$ h=50, s=8

100-2(50)-8(8)
100-100-64
-64

2. $5(-6z - 4r)$ z=6, r=-3

5(-6(6)-4(3))
5(-36-12) = 5(-48)
-240

3. $-(5k - 7t) + 30$ k=3, t=7

-(5(3)-7(7))+30
-(15-49)+30 = -(-34)+30
34+30 = **64**

4. $10 + \frac{w}{7} + 4c$ w=49, c=4

10+(49/7)+4(4)
10+7+16
33

Evaluate Expressions 11

Evaluate:

1. $1 + h - 6 - 3s$ h=10, s=-3

1+10-6-3(3)
1+10-6-9
-4

2. $-(3z - 2r)$ z=-4, r=2

-(3(-4)-2(2))
-(-22-4) = -(-26)
26

3. $7(-2k - 4t) + 3$ k=4, t=1

7(-2(4)-4(1))+3
7(-8-4)+3 = 7(-12)+3
-84+3 = **-81**

4. $3 - \frac{36}{w} + 3c$ w=9, c=-2

3-(36/9)+3(-2)
3-4-6
-7

Evaluate Expressions 12

Evaluate:

1. $1 - 3h - 2 + 3s$ h=-2, s=2

1-3(2)-2+3(2)
1-6-2+6
-1

2. $3(4z - 4r)$ z=3, r=6

3(4(3)-4(6))
3(12-24) = 3(-12)
-36

3. $4(4k - 2t) + 5$ k=8, t=-2

4(4(8)-2(-2))+5
4(32+4)+5 = 4(36)+5
144+5 = **149**

4. $5 - \frac{16}{w} - c$ w=2, c=9

5-(16/2)-9
5-8-9
-12

Evaluate Expressions 13

Evaluate:

1. $5 - 5h - 4 + 7s$ h=6, s=4

5-5(6)-4+7(4)
5-30-4+28
-1

2. $8(2z - 8r)$ z=3, r=5

8(2(3)-8(5))
8(6-40) = 8(-34)
-272

3. $2(9k - 6t) + 3$ k=2, t=5

2(9(2)-6(5))+3
2(18-30)+3 = 2(-12)+3
-24+3 = **-21**

4. $15 - \frac{w}{8} + c$ w=16, c=7

15-(16/8)+7
15-2+7
20

Evaluate Expressions 14

Evaluate:

1. $10 - 2h - 5 + 9s$ h=-8, s=-1

10-2(-8)-5+9(-1)
10+16-5-9
12

2. $2(2z - 7r)$ z=6, r=3

2(2(6)-7(3))
2(12-21) = 2(-9)
-18

3. $2(3k - 9t) + 6$ k=4, t=-3

2(3(4)-9(-3))+6
2(12+27)+6 = 2(39)+6
78+6 = **84**

4. $3 - \frac{21}{w} + 2c$ w=3, c=-3

3-(21/3)+2(-3)
3-7-6
-10

Evaluate Expressions 15

Evaluate:

1. $100 - 2h - 8s$ h=25, s=4

100-2(25)-8(4)
100-50-32
18

2. $5(-6z - 4r)$ z=7, r=-4

5(-6(7)-4(-4))
5(-42+16) = 5(-26)
-130

3. $-(5k - 7t) + 30$ k=2, t=1

-(5(2)-7(1))+30
-(10-7)+30 = -(3)+7
-3+7 = **4**

4. $10 + \frac{w}{7} + 4c$ w=14, c=3

10+(14/7)+4(3)
10+2+12
24