Simplifying Expressions Name:

Simplify the expressions shown.

Ex) -7(1+1+4v)
-7-7-28v
-14-28v

1) -1(1-2v-4v)

2) -10+9(-9+6v-4v)

3) 5(3+8v)+7v

4) -1(-1+1v+2v)

5) 7(-2+8v)-3v

6) 8(-7+5v)+5v

7) 10+9(4-4v)+9v

8) -4(5+1+8v+7v)

9) 6+5v)

10) 7(5-4v)

11) -2(-1+3v)-8v

12) 3(-10+3)+8v

13) 6(-8+2v)

14) 6(-5+5v)+6v

15) 10(-8+3v)+10v

16) 6)+7v

17) -9(4-9v)-8v

18) -8(-2-10-8v)-9v

19) -7(3+8v-6v)

Answers

Ex. -14-28v

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____

1-10	95	89	84	79	74	68	63	58	53	47
11-19	42	37	32	26	21	16	11	5	0	

Simplifying Expressions

Name: **Answer Key**

Simplify the expressions shown.

Ex) -7(1+1+4v)
-7-7-28v
-14-28v

1) -1(1-2v-4v)
-1+2v+4v
-1+6v

2) -10+9(-9+6v-4v)
-10-81+54v-36v
-91+18v

3) 5(3+8v)+7v
15+40v+7v
15+47v

4) -1(-1+1v+2v)
1-1v-2v
1-3v

5) 7(-2+8v)-3v
-14+56v-3v
-14+53v

6) 8(-7+5v)+5v
-56+40v+5v
-56+45v

7) 10+9(4-4v)+9v
10+36-36v+9v
46-27v

8) -4(5+1+8v+7v)
-20-4-32v-28v
-24-60v

9) 6+5v)
6+5v

10) 7(5-4v)
35-28v

11) -2(-1+3v)-8v
2-6v-8v
2-14v

12) 3(-10+3)+8v
-30+9+8v
-21+8v

13) 6(-8+2v)
-48+12v

14) 6(-5+5v)+6v
-30+30v+6v
-30+36v

15) 10(-8+3v)+10v
-80+30v+10v
-80+40v

16) 6)+7v
6)
6+v

17) -9(4-9v)-8v
-36+81v-8v
-36+73v

18) -8(-2-10-8v)-9v
16+80+64v-9v
96+55v

19) -7(3+8v-6v)
-21-56v+42v
-21-14v

Answers

Ex. **-14-28v**
1. **-1+6v**
2. **-91+18v**
3. **15+47v**
4. **1-3v**
5. **-14+53v**
6. **-56+45v**
7. **46-27v**
8. **-24-60v**
9. **6+5v**
10. **35-28v**
11. **2-14v**
12. **-21+8v**
13. **-48+12v**
14. **-30+36v**
15. **-80+40v**
16. **6+v**
17. **-36+73v**
18. **96+55v**
19. **-21-14v**

1-10	95	89	84	79	74	68	63	58	53	47
11-19	42	37	32	26	21	16	11	5	0	