Simplifying Expressions Name:

Simplify the expressions shown.

Ex) -1(4+6v)+8v
-4-6v+8v
-4+2v

1) -9(-5-7)-3v-9v

2) -9-10(3+5v+7v)

3) 4-4(5+7v)-3v

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

5) -10(4+8v)+8v

6) -8(10-8v)

7) 8(-10+5v)

8) 2(5+3+2v)

9) 10(1+2)+9v+7v

10) -10(8+4v)+7v

11) -9(-9-5)-5v-5v

12) -1(10-4v)

13) -5+4v)

14) -8)-4v

15) -5(-6-9v+2v)

16) 9(-4+2v-10v)

17) 7(7+8+5v)

18) -5(3+6v+2v)

19) -2(2-6v)

Answers

Ex. -4+2v
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) -1(4+6v)+8v
-4-6v+8v
-4+2v

1) -9(-5-7)-3v-9v
45+63-3v-9v
108-12v

2) -9-10(3+5v+7v)
-9-30-50v-70v
-39-120v

3) 4-4(5+7v)-3v
4-20-28v-3v
-16-31v

4) 9(-4+2-4v)
-36+18-36v
-18-36v

5) -10(4+8v)+8v
-40-80v+8v
-40-72v

6) -8(10-8v)
-80+64v

7) 8(-10+5v)
-80+40v

8) 2(5+3+2v)
10+6+4v
16+4v

9) 10(1+2)+9v+7v
10+20+9v+7v
30+16v

10) -10(8+4v)+7v
-80-40v+7v
-80-33v

11) -9(-9-5)-5v-5v
81+45-5v-5v
126-10v

12) -1(10-4v)
-10+4v

13) -5+4v)
-5+4v

14) -8)-4v
-8)
-8+v

15) -5(-6-9v+2v)
30+45v-10v
30+35v

16) 9(-4+2v-10v)
-36+18v-90v
-36-72v

17) 7(7+8+5v)
49+56+35v
105+35v

18) -5(3+6v+2v)
-15-30v-10v
-15-40v

19) -2(2-6v)
-4+12v

Answers

Ex. -4+2v
1. 108-12v
2. -39-120v
3. -16-31v
4. -18-36v
5. -40-72v
6. -80+64v
7. -80+40v
8. 16+4v
9. 30+16v
10. -80-33v
11. 126-10v
12. -10+4v
13. -5+4v
14. -8+v
15. 30+35v
16. -36-72v
17. 105+35v
18. -15-40v
19. -4+12v

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:

Simplify the expressions shown.

Ex) -7(4+8v)
-28-56v

1) 9(7+1)-4v-6v

2) 4(2+7-7v)

3) 5-7v)

4) 9(-3+6v)+2v

5) -3(-2-2v)

6) 7(-3-6v)

7) -8(-9+9)-3v-3v

8) -6(4+3-3v+8v)

9) 9(7+5v)

10) 3(10+9v)

11) -7(2+10)-5v

12) -3+7(-8-7v-2v)

13) 8+2v)

14) -6(-2-9+7v-8v)

15) -4(-4+7-1v)

16) -10(-5+3-10v)

17) -4(2+9-7v)

18) -2(7-9v+6v)

19) 4-8v)

Answers

Ex. -28-56v

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(4+8v)
-28-56v

1) 9(7+1)-4v-6v
63+9-4v-6v
72-10v

2) 4(2+7-7v)
8+28-28v
36-28v

3) 5-7v)
5-7v

4) 9(-3+6v)+2v
-27+54v+2v
-27+56v

5) -3(-2-2v)
6+6v

6) 7(-3-6v)
-21-42v

7) -8(-9+9)-3v-3v
72-72-3v-3v
0-6v

8) -6(4+3-3v+8v)
-24-18+18v-48v
-42-30v

9) 9(7+5v)
63+45v

10) 3(10+9v)
30+27v

11) -7(2+10)-5v
-14-70-5v
-84-5v

12) -3+7(-8-7v-2v)
-3-56-49v-14v
-59-63v

13) 8+2v)
8+2v

14) -6(-2-9+7v-8v)
12+54-42v+48v
66+6v

15) -4(-4+7-1v)
16-28+4v
-12+4v

16) -10(-5+3-10v)
50-30+100v
20+100v

17) -4(2+9-7v)
-8-36+28v
-44+28v

18) -2(7-9v+6v)
-14+18v-12v
-14+6v

19) 4-8v)
4-8v

Answers

Ex. **-28-56v**
1. **72-10v**
2. **36-28v**
3. **5-7v**
4. **-27+56v**
5. **6+6v**
6. **-21-42v**
7. **0-6v**
8. **-42-30v**
9. **63+45v**
10. **30+27v**
11. **-84-5v**
12. **-59-63v**
13. **8+2v**
14. **66+6v**
15. **-12+4v**
16. **20+100v**
17. **-44+28v**
18. **-14+6v**
19. **4-8v**

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:

Simplify the expressions shown.

Ex) -6(8+3+2v)-5v
-48-18-12v-5v
-66-17v

1) -6(9+7)-8v

2) -10(2-6v)

3) -2(4-2v)-7v

4) -5(5-4v)-10v

5) 9(-4+3+2v)

6) 7+5v)

7) 9(6+10+10v)

8) -3(-3-4v)

9) 3(3-8v-5v)

10) 1(-7+1v-2v)

11) -10(-8+6+6v)

12) 1(2-9v)

13) 1(-2-10)+1v

14) 8(8+5)-7v

15) 9(2+6-1v)-1v

16) -5+9v)

17) 4(-5-1v)-7v

18) 10(-8-10v-4v)

19) -8(-4+8+3v)+5v

Answers

Ex. -66-17v
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) -6(8+3+2v)-5v
-48-18-12v-5v
-66-17v

1) -6(9+7)-8v
-54-42-8v
-96-8v

2) -10(2-6v)
-20+60v

3) -2(4-2v)-7v
-8+4v-7v
-8-3v

4) -5(5-4v)-10v
-25+20v-10v
-25+10v

5) 9(-4+3+2v)
-36+27+18v
-9+18v

6) 7+5v)
7+5v

7) 9(6+10+10v)
54+90+90v
144+90v

8) -3(-3-4v)
9+12v

9) 3(3-8v-5v)
9-24v-15v
9-39v

10) 1(-7+1v-2v)
-7+1v-2v
-7-1v

11) -10(-8+6+6v)
80-60-60v
20-60v

12) 1(2-9v)
2-9v

13) 1(-2-10)+1v
-2-10+1v
-12+1v

14) 8(8+5)-7v
64+40-7v
104-7v

15) 9(2+6-1v)-1v
18+54-9v-1v
72-10v

16) -5+9v)
-5+9v

17) 4(-5-1v)-7v
-20-4v-7v
-20-11v

18) 10(-8-10v-4v)
-80-100v-40v
-80-140v

19) -8(-4+8+3v)+5v
32-64-24v+5v
-32-19v

Answers

Ex. **-66-17v**
1. **-96-8v**
2. **-20+60v**
3. **-8-3v**
4. **-25+10v**
5. **-9+18v**
6. **7+5v**
7. **144+90v**
8. **9+12v**
9. **9-39v**
10. **-7-1v**
11. **20-60v**
12. **2-9v**
13. **-12+1v**
14. **104-7v**
15. **72-10v**
16. **-5+9v**
17. **-20-11v**
18. **-80-140v**
19. **-32-19v**

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:

Simplify the expressions shown.

Ex) 1(-9+10+2v)-5v
-9+10+2v-5v
1-3v

1) 5-7(-3-4v)-3v

2) 2(-5+8v)+6v

3) 9)+8v

4) 1-3v)

5) -5)-7v

6) -9(9+9v)

7) -3(7+4v+6v)

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

9) -2(2+9-1v-5v)

10) 9(6+7v+6v)

11) 9(7+9)+4v+2v

12) -4(-10+8v)+7v

13) 6(-1+4+10v)-8v

14) 8(10+2v)

15) -8(-7-1v)+3v

16) -5(8+6v-5v)

17) 10(-5-9v)-3v

18) 5)+5v

19) 1(1-10v+7v)

Answers

Ex. 1-3v
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) 1(-9+10+2v)-5v
-9+10+2v-5v
1-3v

1) 5-7(-3-4v)-3v
5+21+28v-3v
26+25v

2) 2(-5+8v)+6v
-10+16v+6v
-10+22v

3) 9)+8v
9)
9+v

4) 1-3v)
1-3v

5) -5)-7v
-5)
-5+v

6) -9(9+9v)
-81-81v

7) -3(7+4v+6v)
-21-12v-18v
-21-30v

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

9) -2(2+9-1v-5v)
-4-18+2v+10v
-22+12v

10) 9(6+7v+6v)
54+63v+54v
54+117v

11) 9(7+9)+4v+2v
63+81+4v+2v
144+6v

12) -4(-10+8v)+7v
40-32v+7v
40-25v

13) 6(-1+4+10v)-8v
-6+24+60v-8v
18+52v

14) 8(10+2v)
80+16v

15) -8(-7-1v)+3v
56+8v+3v
56+11v

16) -5(8+6v-5v)
-40-30v+25v
-40-5v

17) 10(-5-9v)-3v
-50-90v-3v
-50-93v

18) 5)+5v
5)
5+v

19) 1(1-10v+7v)
1-10v+7v
1-3v

Answers

Ex. **1-3v**
1. **26+25v**
2. **-10+22v**
3. **9+v**
4. **1-3v**
5. **-5+v**
6. **-81-81v**
7. **-21-30v**
8. **24+32v**
9. **-22+12v**
10. **54+117v**
11. **144+6v**
12. **40-25v**
13. **18+52v**
14. **80+16v**
15. **56+11v**
16. **-40-5v**
17. **-50-93v**
18. **5+v**
19. **1-3v**

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:

Simplify the expressions shown.

Ex) 1(-1+6v)
-1+6v

1) 3(7-2+7v)

2) -10-10(8+2v-1v)

3) -7(-10+1v)+5v

4) 6(10-4+10v)

5) 9)-4v

6) 4(-1+9+1v)

7) -8(-10+4+5v)

8) -3-6(4-2v-7v)

9) 1(4+3v)-2v

10) 7(-6-4v)+5v

11) -6(-4+10v-10v)

12) -7+8(9+1v+2v)

13) 8)+6v

14) -10-4(2+3v-1v)

15) -5(-7-6+4v)+1v

16) -3-3(-6-9v-7v)

17) 9(-7-10+4v)+1v

18) 2)-5v

19) -8-9(-2-3v-3v)

Answers

Ex. -1+6v

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) 1(-1+6v)
-1+6v

1) 3(7-2+7v)
21-6+21v
15+21v

2) -10-10(8+2v-1v)
-10-80-20v+10v
-90-10v

3) -7(-10+1v)+5v
70-7v+5v
70-2v

4) 6(10-4+10v)
60-24+60v
36+60v

5) 9)-4v
9)
9+v

6) 4(-1+9+1v)
-4+36+4v
32+4v

7) -8(-10+4+5v)
80-32-40v
48-40v

8) -3-6(4-2v-7v)
-3-24+12v+42v
-27+54v

9) 1(4+3v)-2v
4+3v-2v
4+1v

10) 7(-6-4v)+5v
-42-28v+5v
-42-23v

11) -6(-4+10v-10v)
24-60v+60v
24+0v

12) -7+8(9+1v+2v)
-7+72+8v+16v
65+24v

13) 8)+6v
8)
8+v

14) -10-4(2+3v-1v)
-10-8-12v+4v
-18-8v

15) -5(-7-6+4v)+1v
35+30-20v+1v
65-19v

16) -3-3(-6-9v-7v)
-3+18+27v+21v
15+48v

17) 9(-7-10+4v)+1v
-63-90+36v+1v
-153+37v

18) 2)-5v
2)
2+v

19) -8-9(-2-3v-3v)
-8+18+27v+27v
10+54v

Answers

Ex. **-1+6v**
1. **15+21v**
2. **-90-10v**
3. **70-2v**
4. **36+60v**
5. **9+v**
6. **32+4v**
7. **48-40v**
8. **-27+54v**
9. **4+1v**
10. **-42-23v**
11. **24+0v**
12. **65+24v**
13. **8+v**
14. **-18-8v**
15. **65-19v**
16. **15+48v**
17. **-153+37v**
18. **2+v**
19. **10+54v**

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:

Simplify the expressions shown.

Ex) 4(10+10v)
40+40v

1) 3(10-5v)

2) -1(-7-6)+3v

3) 9(8-2-9v)

4) -10(-5-9-10v)+3v

5) 5(1-3v-1v)

6) -3(7-1v-5v)

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

8) -1(9+6v+1v)

9) 4(-2-9+2v-7v)

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

11) 9+8(1+9v-6v)

12) -6+9(-10+2v)+4v

13) 1(-2+10v)-10v

14) 5(6-6v)

15) 4)-1v

16) -8(-4+8v)-1v

17) -8)-9v

18) 8(4+10v)+1v

19) 10-9(-6-2v)+2v

Answers

Ex. 40+40v
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) 4(10+10v)
40+40v

1) 3(10-5v)
30-15v

2) -1(-7-6)+3v
7+6+3v
13+3v

3) 9(8-2-9v)
72-18-81v
54-81v

4) -10(-5-9-10v)+3v
50+90+100v+3v
140+103v

5) 5(1-3v-1v)
5-15v-5v
5-20v

6) -3(7-1v-5v)
-21+3v+15v
-21+18v

7) 8(-1+8)-1v-7v
-8+64-1v-7v
56-8v

8) -1(9+6v+1v)
-9-6v-1v
-9-7v

9) 4(-2-9+2v-7v)
-8-36+8v-28v
-44-20v

10) 1(-9-4+6v)
-9-4+6v
-13+6v

11) 9+8(1+9v-6v)
9+8+72v-48v
17+24v

12) -6+9(-10+2v)+4v
-6-90+18v+4v
-96+22v

13) 1(-2+10v)-10v
-2+10v-10v
-2+0v

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

15) 4)-1v
4)
4+v

16) -8(-4+8v)-1v
32-64v-1v
32-65v

17) -8)-9v
-8)
-8+v

18) 8(4+10v)+1v
32+80v+1v
32+81v

19) 10-9(-6-2v)+2v
10+54+18v+2v
64+20v

Answers

Ex. **40+40v**
1. **30-15v**
2. **13+3v**
3. **54-81v**
4. **140+103v**
5. **5-20v**
6. **-21+18v**
7. **56-8v**
8. **-9-7v**
9. **-44-20v**
10. **-13+6v**
11. **17+24v**
12. **-96+22v**
13. **-2+0v**
14. **30-30v**
15. **4+v**
16. **32-65v**
17. **-8+v**
18. **32+81v**
19. **64+20v**

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:

Simplify the expressions shown.

Ex) -9(3-1+7v)
-27+9-63v
-18-63v

1) -4(-4+10v)

2) 9(-9-10v)

3) -5(-4-7+1v-8v)

4) -10(2-10-8v)

5) -9(-1+5-8v)

6) -7(9+2v-2v)

7) 1)+7v

8) -6+8v)

9) 2(-1+8+10v-3v)

10) 8(2-4v)-4v

11) 10(-10+5v)-4v

12) -8-8(-5-5v+1v)

13) 2(-2-4-8v)

14) -5-10(9+10v)+3v

15) -5)+6v

16) 1(-5+6)-5v

17) -8(9-6v+4v)

18) 5(-1+8-6v+2v)

19) 10-2v)

Answers

Ex. -18-63v
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) -9(3-1+7v)
-27+9-63v
-18-63v

1) -4(-4+10v)
16-40v

2) 9(-9-10v)
-81-90v

3) -5(-4-7+1v-8v)
20+35-5v+40v
55+35v

4) -10(2-10-8v)
-20+100+80v
80+80v

5) -9(-1+5-8v)
9-45+72v
-36+72v

6) -7(9+2v-2v)
-63-14v+14v
-63+0v

7) 1)+7v
1)
1+v

8) -6+8v)
-6+8v

9) 2(-1+8+10v-3v)
-2+16+20v-6v
14+14v

10) 8(2-4v)-4v
16-32v-4v
16-36v

11) 10(-10+5v)-4v
-100+50v-4v
-100+46v

12) -8-8(-5-5v+1v)
-8+40+40v-8v
32+32v

13) 2(-2-4-8v)
-4-8-16v
-12-16v

14) -5-10(9+10v)+3v
-5-90-100v+3v
-95-97v

15) -5)+6v
-5)
-5+v

16) 1(-5+6)-5v
-5+6-5v
1-5v

17) -8(9-6v+4v)
-72+48v-32v
-72+16v

18) 5(-1+8-6v+2v)
-5+40-30v+10v
35-20v

19) 10-2v)
10-2v

Answers

Ex. **-18-63v**
1. **16-40v**
2. **-81-90v**
3. **55+35v**
4. **80+80v**
5. **-36+72v**
6. **-63+0v**
7. **1+v**
8. **-6+8v**
9. **14+14v**
10. **16-36v**
11. **-100+46v**
12. **32+32v**
13. **-12-16v**
14. **-95-97v**
15. **-5+v**
16. **1-5v**
17. **-72+16v**
18. **35-20v**
19. **10-2v**

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:

Simplify the expressions shown.

Ex) -5(-10+6v)
50-30v

1) -10(-10-3-10v)

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

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

4) -6(3-2v)+10v

5) -6(6+1)+1v+7v

6) 10(3+2)+2v+5v

7) -10(-8-9v)+9v

8) 2(6-3v-1v)

9) -6(-10+5)+3v

10) 5(8-9-2v)

11) 5(-9+10v)

12) -9(7-8v)

13) 3(-10-1v)

14) 8-5v)

15) 3(-5+10)-9v

16) 6+9(6+7v+10v)

17) 4(7-2v)

18) 7(-9+9)-7v

19) -8+8(-6+4v)+2v

Answers

Ex. 50-30v

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) -5(-10+6v)
50-30v

1) -10(-10-3-10v)
100+30+100v
130+100v

2) -5(-5-5v)+7v
25+25v+7v
25+32v

3) -3(7+5v)-7v
-21-15v-7v
-21-22v

4) -6(3-2v)+10v
-18+12v+10v
-18+22v

5) -6(6+1)+1v+7v
-36-6+1v+7v
-42+8v

6) 10(3+2)+2v+5v
30+20+2v+5v
50+7v

7) -10(-8-9v)+9v
80+90v+9v
80+99v

8) 2(6-3v-1v)
12-6v-2v
12-8v

9) -6(-10+5)+3v
60-30+3v
30+3v

10) 5(8-9-2v)
40-45-10v
-5-10v

11) 5(-9+10v)
-45+50v

12) -9(7-8v)
-63+72v

13) 3(-10-1v)
-30-3v

14) 8-5v)
8-5v

15) 3(-5+10)-9v
-15+30-9v
15-9v

16) 6+9(6+7v+10v)
6+54+63v+90v
60+153v

17) 4(7-2v)
28-8v

18) 7(-9+9)-7v
-63+63-7v
0-7v

19) -8+8(-6+4v)+2v
-8-48+32v+2v
-56+34v

Answers

Ex. **50-30v**
1. **130+100v**
2. **25+32v**
3. **-21-22v**
4. **-18+22v**
5. **-42+8v**
6. **50+7v**
7. **80+99v**
8. **12-8v**
9. **30+3v**
10. **-5-10v**
11. **-45+50v**
12. **-63+72v**
13. **-30-3v**
14. **8-5v**
15. **15-9v**
16. **60+153v**
17. **28-8v**
18. **0-7v**
19. **-56+34v**

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:

Simplify the expressions shown.

Ex) -6(-2+9v-5v)
12-54v+30v
12-24v

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

2) 6(7-3v-6v)

3) -9(7-2v)-4v

4) -4(-8+10-7v)

5) -10(5+6v)+6v

6) 7(5-1+10v)

7) 8(3+1)+6v

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

9) -10-8(-4+5v)+4v

10) 10(-9-7v-10v)

11) 5(-3+2-8v)

12) 4(-10+4v)+4v

13) -8(5+6v)+2v

14) -5)+3v

15) 6(-3+4v-5v)

16) 10)-4v

17) -9(8+8v)

18) -10(-8-10v+7v)

19) 7-2v)

Answers

Ex. 12-24v

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) -6(-2+9v-5v)
12-54v+30v
12-24v

1) 5-2(-4-1v)+1v
5+8+2v+1v
13+3v

2) 6(7-3v-6v)
42-18v-36v
42-54v

3) -9(7-2v)-4v
-63+18v-4v
-63+14v

4) -4(-8+10-7v)
32-40+28v
-8+28v

5) -10(5+6v)+6v
-50-60v+6v
-50-54v

6) 7(5-1+10v)
35-7+70v
28+70v

7) 8(3+1)+6v
24+8+6v
32+6v

8) -1(5-8)-4v
-5+8-4v
3-4v

9) -10-8(-4+5v)+4v
-10+32-40v+4v
22-36v

10) 10(-9-7v-10v)
-90-70v-100v
-90-170v

11) 5(-3+2-8v)
-15+10-40v
-5-40v

12) 4(-10+4v)+4v
-40+16v+4v
-40+20v

13) -8(5+6v)+2v
-40-48v+2v
-40-46v

14) -5)+3v
-5)
-5+v

15) 6(-3+4v-5v)
-18+24v-30v
-18-6v

16) 10)-4v
10)
10+v

17) -9(8+8v)
-72-72v

18) -10(-8-10v+7v)
80+100v-70v
80+30v

19) 7-2v)
7-2v

Answers

Ex. **12-24v**
1. **13+3v**
2. **42-54v**
3. **-63+14v**
4. **-8+28v**
5. **-50-54v**
6. **28+70v**
7. **32+6v**
8. **3-4v**
9. **22-36v**
10. **-90-170v**
11. **-5-40v**
12. **-40+20v**
13. **-40-46v**
14. **-5+v**
15. **-18-6v**
16. **10+v**
17. **-72-72v**
18. **80+30v**
19. **7-2v**

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:

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	