



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. \_\_\_\_\_



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.  $64+20v$