12. 
$$a + [b - (a - b)]$$
.

**13.** 
$$a + b - \lceil (b + d) - (a - b) \rceil$$
.

**14.** 
$$m - (n - p) + \lceil 3m - \overline{3n - 6m} \rceil$$
.

15. 
$$a - [a - \{a - (-a)\}]$$
.

**16.** 
$$x - \lceil 3y + \{3z - (z - x) + y\} - 2x \rceil$$
.

$$\sim$$
 17.  $-\lceil m - (m+n) - (m-n) - (-m+n) \rceil$ .

18. 
$$12a - \{(a+b) - \lceil b - (a-b) \rceil - a\}$$
.

**19.** 
$$2x - \{x - (x - y) - [x - \overline{x - y}] - y\}.$$

**20.** 
$$12-2a-\{-a-\lceil 2a-(a-\overline{7-a})\rceil \}$$
.

**21.** 
$$14 - 3a - \{9a - [10a - (11a - \overline{6 - 6a})]\}$$
.

22. 
$$a - [-\{-(-a)\}]$$
.

23. 
$$a-3-[-\{-(-a+\overline{a+b})\}]$$
.

**24.** 
$$x+y-[-(x-y)+\{-x+(x-\overline{x-y})\}].$$

**25.** 
$$1 - \{-a - (a+1) - [-a - (a - \overline{a-1})]\}.$$

**26.** 
$$a - (-\{-[-(-a)]\}).$$

**27.** 
$$1 - (-\{a + (-a + 1)\}) - \{a - \overline{a - 1}\}.$$

28. 
$$6m + \{4m - [8n - (2m + 4n) - 22n] - 7n\} + [9m - (3n + 4m) + 14n].$$

**29.** 
$$1247 - [1722 - \{1722 + (933 - 1247)\}].$$

30. From 
$$a + \{(4-b) + (a-4) - \overline{a-7}\}$$
 subtract  $a - \{(6-b) + (6a-6) - (5a-7)\}.$ 

31. From the sum of 
$$a+\{a-(b-c)\}$$
 and  $-a+[4a-(5b+c)]$  subtract  $a-(b-c)$ .

32. Simplify  $4a - [6b + (3a - c) - \{5b - c - a\}]$  and check the answer by substituting a = 3, b = 2, c = 1 in the question and the answer.

33. Simplify  $9a - [-7a + \{5b - (a-b) + \overline{a-b}\}]$  and check the answer by the substitution a = 1, b = 2.