

## Simplify

Evaluate the following expressions when  $a = 4$  and  $b = -2$ 

1)  $-12 + 3 \cdot -4$

11)  $3a - 4b$

2)  $7 - 18 \div 3$

12)  $2(a + 2b) + a - b$

3)  $3(8-12) - 2(4-17)$

13)  $\frac{ab^2}{4} - 3a$

4)  $3[(2 - (-6)) + 2(121 \div (-11))]$

14)  $\frac{2a + 6b}{b}$

5)  $2 \cdot 3^2 \div 6$

15)  $-b^2 - a^3 + 4b^2$

Write an Expression for each statement

6) \$9 less than the sale price

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7) 3 more than the difference of 20 and a number  $m$ 

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8) 5 less than the quotient of a number  $z$  and 16

\_\_\_\_\_

9) The number of feet in  $l$  inches

\_\_\_\_\_

10) The number of months in  $y$  years.

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