

Name: _____

Evaluate Expressions

Evaluate the following expressions for $h = 3$.

1. $4(h + 2)$

2. $\frac{18}{h} + h$

3. $h(5 + 2)$

4. $9h - 11$

5. $\frac{8h}{12}$

6. $\frac{h^2 + 5}{2}$

7. $4(2h - 3)$

8. $5h(6 - 4)$

Evaluate the following expressions for $x = 5$ and $b = 9$.

9. $x(b - 1)$

10. $\frac{5b}{x}$

11. $\frac{b + x^2}{2}$

12. $b(2 + x)$

13. $7(b - x)$

14. $\frac{10x + 4}{b}$

15. $\frac{b}{3} + x$

16. $\frac{5x + b}{2}$

Evaluate the following expressions for $m = 16$ and $g = 4$.

17. $\frac{m}{g} + 9$

18. $g(m - 9) + 5$

19. $\frac{m}{2} + 3g$

20. $\frac{6g - m}{2}$

ANSWERS

Evaluate Expressions

Evaluate the following expressions for $h = 3$.

1. $4(h + 2)$

20

2. $\frac{18}{h} + h$

9

3. $h(5 + 2)$

21

4. $9h - 11$

16

5. $\frac{8h}{12}$

2

6. $\frac{h^2 + 5}{2}$

7

7. $4(2h - 3)$

12

8. $5h(6 - 4)$

30

Evaluate the following expressions for $x = 5$ and $b = 9$.

9. $x(b - 1)$

40

10. $\frac{5b}{x}$

9

11. $\frac{b + x^2}{2}$

17

12. $b(2 + x)$

63

13. $7(b - x)$

28

14. $\frac{10x + 4}{b}$

6

15. $\frac{b}{3} + x$

8

16. $\frac{5x + b}{2}$

17

Evaluate the following expressions for $m = 16$ and $g = 4$.

17. $\frac{m}{g} + 9$

13

18. $g(m - 9) + 5$

33

19. $\frac{m}{2} + 3g$

20

20. $\frac{6g - m}{2}$

4