

Independent Practice

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**Subtract.**

1. $0 - 10 =$

2. $-9 - 5 =$

$-4 - 8 =$

Show your work.

4. $31 - 48 =$

5. $-25 - 5 =$

6. $-44 - 41 =$

7. $4 - (-19) =$

8. $-11 - (-42) =$

9. $52 - (-52) =$

Evaluate each expression if $f = -6$, $g = 7$, and $h = 9$.

10. $g - 7$

11. $-h - (-9)$

12. $f - g$

**Use Math Tools** Use the information below.

State	Alabama	California	Florida	Louisiana	New Mexico
Lowest Elevation (ft)	0	-282	0	-8	2,842
Highest Elevation (ft)	2,407	14,494	345	535	13,161

- What is the difference between the highest elevation in Alabama and the lowest elevation in Louisiana? _____
- Find the difference between the lowest elevation in New Mexico and the lowest elevation in California. _____
- Find the difference between the highest elevation in Florida and the lowest elevation in California. _____
- What is the difference between the lowest elevation in Alabama and the lowest elevation in Louisiana? _____




Evaluate each expression if $h = -12$, $j = 4$, and $k = 15$.


14. $-j + h - k$

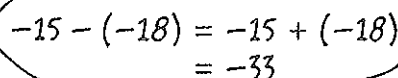
15. $|h - j|$

16. $k - j - h$


H.O.T. Problems Higher Order Thinking

17.  **Identify Structure** Write a subtraction sentence using integers. Then, write the equivalent addition sentence and explain how to find the sum.

18.  **Find the Error** Hiroshi is finding $-15 - (-18)$. Find his mistake and correct it.


$$\begin{aligned} -15 - (-18) &= -15 + (-18) \\ &= -33 \end{aligned}$$



19.  **Reason Abstractly** True or False? When n is a negative integer, $n - n = 0$.

Standardized Test Practice

20 Which of the following expressions is equal to -8 ?

(A) $15 - 7$

(B) $-15 - 7$

(C) $15 - (-7)$

(D) $-15 - (-7)$

Evaluate each expression if $f = -6$, $g = 7$, and $h = 9$.

21. $f - 6$

22. $h - f$

23. $g - h$