

Day 4 Topic: Adding and Subtracting Integers

What are the Rules for SUBTRACTING Integers?

Write the subtraction problem as a **ADDITION PROBLEM** or re-write the double negative as a **positive**.

Same signs, **ADD** and *keep*

Different signs **subtract**

Keep the sign of the larger digit than you'll be exact!

WHAT DO YOU MEAN BY A DOUBLE NEGATIVE?

$-(-13)$	$-(-8)$	$-(-9)$	$-(-21)$	$-(-45)$
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How do we subtract integers?

$2 - (-8)$	$2 - 5$
<ul style="list-style-type: none"> • Addition problem • Same sign? • Different sign? • Add/ Subtract? 	<ul style="list-style-type: none"> • Addition problem • Same sign? • Different sign? • Add/ Subtract?
$-9 - (-13)$	$-7 - 3$
<ul style="list-style-type: none"> • Addition problem • Same sign? • Different sign? • Add/ Subtract? 	<ul style="list-style-type: none"> • Addition problem • Same sign? • Different sign? • Add/ Subtract?

Directions: Write your answers in the spaces below.



Vocabulary and Concept Check

1. **WRITING** How do you subtract one integer from another?
2. **OPEN-ENDED** Write two integers that are opposites.
3. **DIFFERENT WORDS, SAME QUESTION** Which is different? Find “both” answers.

Find the difference of 3 and -2 .

What is 3 less than -2 ?

How much less is -2 than 3?

Subtract -2 from 3.

MATCHING Match the subtraction expression with the corresponding addition expression.

4. $9 - (-5)$

5. $-9 - 5$

6. $-9 - (-5)$

7. $9 - 5$

A. $-9 + 5$

B. $9 + (-5)$

C. $-9 + (-5)$

D. $9 + 5$



Practice and Problem Solving

Subtract.

1 8. $4 - 7$

9. $8 - (-5)$

10. $-6 - (-7)$

11. $-2 - 3$

12. $5 - 8$

13. $-4 - 6$

14. $-8 - (-3)$

15. $10 - 7$

16. $-8 - 13$

17. $15 - (-2)$

18. $-9 - (-13)$

19. $-7 - (-8)$

20. $-6 - (-6)$

21. $-10 - 12$

22. $32 - (-6)$

23. $0 - 20$

1.

2.

3.

4.	5.	6.
7.	8.	9.
10.	11.	12.
13.	14.	15.
16.	17.	18.
19.	20.	21.
22.	23.	