Name: _____ Date: _____

Subtracting Integers

Grade 7 • 32 questions • Part A: rewrite each subtraction as adding the opposite, then solve

1. $-4 - (-8) = -4 + ____ = ____$

2. $8 - 3 = 8 + ____ = ____$

3. $-10 - (-6) = -10 + ____ = ____$

4. $-8 - 9 = -8 + ____ = ____$

5. $8 - (-5) = 8 + ____ = ____$

6. $6 - (-6) = 6 + ____ = ____$

7. $4 - (-8) = 4 + ____ = ____$

8. $4 - (-3) = 4 + ____ = ____$

Part B • Subtract

9. $1 - 18 =$ _____

10. $9 - (-3) =$ _____

11. $-10 - (-10) =$ _____

12. $7 - (-3) =$ _____

13. $7 - (-1) =$ _____

14. $-17 - (-9) =$ _____

15. $9 - (-6) =$ _____

16. $18 - (-11) =$ _____

17. $2 - (-8) =$ _____

18. $-4 - (-18) =$ _____

19. $15 - (-3) =$ _____

20. $-15 - (-6) =$ _____

21. $9 - (-4) =$ _____

22. $3 - 13 =$ _____

23. $10 - (-6) =$ _____

24. $-3 - (-15) =$ _____

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Part C • Temperature and height changes. Subtract: end − start. Say whether it rose or fell

25. At 6 a.m. it was −8°C. At noon it was 5°C. How many degrees did it rise?

Answer: _____

26. At noon it was 4°C. At midnight it was −6°C. How many degrees did it fall?

Answer: _____

27. A diver goes from −12 m to −30 m. How far down did she go?

Answer: _____

28. A bird flies from 15 m above sea level down to a fish at −4 m. How far is that?

Answer: _____

29. The low was −11°C and the high was −2°C. What was the range?

Answer: _____

30. A lift goes from floor 6 to floor −3. How many floors does it go down?

Answer: _____

31. Find the difference: −15 − (−40).

Answer: _____

32. Ana’s balance went from −$12 to $20. How much did it go up?

Answer: _____

Tip: keep, change, change. Keep the first number, change − to +, change the sign of the second number.

Answer Key — Subtracting Integers

1. $-4 + 8 = 4$
2. $8 + (-3) = 5$
3. $-10 + 6 = -4$
4. $-8 + (-9) = -17$
5. $8 + 5 = 13$
6. $6 + 6 = 12$
7. $4 + 8 = 12$
8. $4 + 3 = 7$
9. -17
10. 12
11. 0
12. 10
13. 8
14. -8
15. 15
16. 29
17. 10
18. 14
19. 18
20. -9
21. 13
22. -10
23. 16
24. 12
25. 13 degrees
26. 10 degrees
27. 18 m
28. 19 m
29. 9 degrees
30. 9 floors
31. 25
32. $32