

G6 Absolute Value Revision

Find the opposite of each integer.

24. -2 2



25. 15 _____

26. 42 _____

Find the opposite of the opposite of each integer.

27. 9 _____

28. 0 _____

29. -8 _____

Evaluate each expression.

30. $|18| =$ _____

31. $|0| =$ _____

32. $|25| =$ _____

33. $|2| + |-13| =$ _____

34. $|-20| - |17| =$ _____

35. $|-16| - |5| =$ _____

36. The balance of Baher's account is AED 16. Jamila's account is AED 5 overdrawn. What is the difference between their account balances?
- _____

37. A football team lost 3 yards on their first play and 6 yards on their second play. How many total yards did they lose?
- _____

38. The table shows the lowest elevations for several states. Is the absolute value of the lowest elevation of California greater than or less than the absolute value of the lowest elevation of Illinois?
- _____

State	Lowest Elevation (ft)
Oklahoma	289
Illinois	279
Kentucky	257
California	-282

Reason Abstractly Evaluate each expression.

39. $-|-10| =$ _____

40. $|13 - 6| =$ _____

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41. The table shows the freezing point of different liquids. What liquid's freezing point has the greatest absolute value?

- ☐ water
☐ acetic acid
☐ linseed oil
☐ acetone

Liquid	Freezing Point (°F)
Water	32
Acetic Acid	62
Linseed Oil	-4
Acetone	-94

42. Let $x = -1$, $y = -2$, and $z = 1$. Use the variables x , y , and z to complete the following number sentences.

- a. $<$
b. $>$
c. $=$