

Name: _____



PRACTICE



TUTORIAL

2-3 Additional Practice

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In 1–16, find each absolute value.

1. $|-21|$

2. $|7|$

3. $|\frac{-3}{5}|$

4. $|-5.5|$

5. $|8\frac{3}{4}|$

6. $|-19.5|$

7. $|48\frac{3}{8}|$

8. $|-102.06|$

9. $|-22|$

10. $|45|$

11. $|13|$

12. $|48|$

13. $|-55.5|$

14. $|21\frac{1}{3}|$

15. $|-2.6|$

16. $|-9|$

In 17–20, order the numbers from least to greatest.

17. $|-20|, |16|, |-2|, |37|$

18. $|\frac{1}{4}|, |-\frac{1}{3}|, |-\frac{1}{8}|, |0|$

19. $|-1.5|, |1\frac{3}{4}|, |2.5|, |-2|$

20. $|6|, |0|, |-9|, |-4.2|$

21. Four submarines are exploring an undersea trench. The depth of each submarine is shown. Use absolute values to represent the distance of each submarine from sea level. Which submarine is closest to sea level?

Submarine Depths

Submarine	Depth (km)
W	-1.5
X	-3.4
Y	-2.6
Z	-4

22. Three friends started savings accounts at the same time, with the same initial deposit. The table at the right shows the total change in each friend's account after two months. List the friends in order from least to greatest total change in bank account balance.

Bank Accounts

Account Owner	Amount of Change
Louise	-\$56.84
Franklin	\$28.69
Hannah	\$89.12



23. The table at the right shows the changes in the number of items answered correctly from a first math test to a second math test for five students. Order the students based on the least change to the greatest change.

Student	Change in Number of Correct Answers
Antoine	4
Lauren	-6
Micah	3
Beth	0
Pat	-5

24. **Higher Order Thinking** Is it possible that Lauren answered more questions correctly on the second math test than Antoine did? Explain.

25. **Vocabulary** Use $<$, $>$, or $=$ to compare the *absolute values* of -0.3 and $\frac{1}{4}$. Explain.

26. A bird flies $13\frac{7}{10}$ feet above sea level. A fish swims $16\frac{1}{5}$ feet below sea level. Which is farther from sea level?

27. Which account's balance represents a debt greater than \$50?

Account	Balance (\$)
A	-60
B	-25
C	-35

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28. The table below shows the daily low temperatures for four days.

Day	Low Temperature
Monday	3°F
Tuesday	-4°F
Wednesday	-1°F
Thursday	2°F

PART A

Arrange the temperatures in order from coldest to warmest.

PART B

Which was the coldest day?

