

6th Grade

6.NS.5

Use (+) or (-) to describe integer values.

Name _____

Date _____

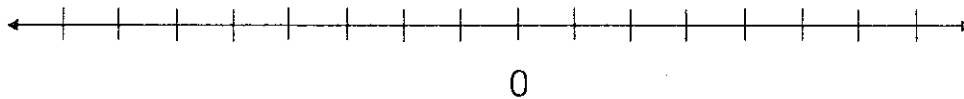
For questions 1 – 3 below, give a numerical value for each situation.

1. Keith spends \$50 on a concert ticket. _____
2. Lauri's business made a profit in September of \$758. _____
3. During one play at the football game, a player lost 6 yards. _____

4. Use $(- 10)$ to describe something that happens with temperature.

5. Use $(+45)$ to describe something that happens on a vacation.

6. Place $(+5)$ and $(- 5)$ on the number line below.



7. Why are $(+5)$ and $(- 5)$ opposites?

Sally and Ted go scuba diving. Sally floats in their boat while Ted dives down 20 feet to grab a piece of coral.

8. State Sally's elevation as an integer.

9. State Ted's elevation as an integer.

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For questions 10 – 12 below, use integers to represent the following.

10. Represent 14 feet above sea level. _____

11. Represent 14 feet below sea level. _____

12. What value represents sea level? _____

13. Would you rather the temperature be -45° or $+45^{\circ}$? _____

14. Why?