

Name _____

Distance between Integers

1. A bean plant grows to be 8 inches tall. Its roots grow 4 inches below the ground. Draw a picture representing the plant and its roots.

Which integer would represent the height of the plant? _____

Which integer would represent the depth of the roots? _____

What is the distance between the top of the plant and the bottom of the roots?

2. A bird is flying 64 feet above sea level. A fish is swimming 32 feet below sea level. Draw a picture representing the distance between the bird and the fish.

Which integer would represent the height of the bird? _____

Which integer would represent the depth of the fish? _____

What is the distance between the bird and the fish?

3. A truck reverses 27 feet. It then drives forward 15. Draw a picture representing the trucks movement.

Which integer would represent the reversing of the truck? _____

Which integer would represent the forward movement of the truck? _____

If the truck started at 0, what integer represents where the truck is now?

4. Mt. McKinley is 20,320 feet above sea level. Death Valley is 282 feet below sea level. Draw a picture representing Mt. McKinley and Death Valley. Remember to draw a line showing sea level.

What integer represents the height of Mt. McKinley? _____

What integer represents sea level? _____

What integer represents the depth of Death Valley? _____

What is the distance between the top of Mt. McKinley and the bottom of Death Valley?

5. A submarine is 550 feet below sea level. It raises up 90 feet. It then lowers another 30. Draw a picture representing the submarine's movement.

What integer represents the depth of the submarine? _____

What integer represents how far the submarine raised? _____

What integer represents how far the submarine fell? _____

What is the final depth of the submarine?