**Use a number line to find the sum.**

|  |  |
| --- | --- |
|  | $$-5+8+\left(3.5\right)$$**0****1****2****3****4****5****6****7****8****9****-1****-2****-3****-4****-5****-6****-7****-8****-9** |
|  | $$1+\left(-11\right)+4$$**0****-1****-2****-3****-4****-5****-6****-7****-8****-9****-10****-11****-13****-14****-15****-16****2****1****-12** |

1. Find the difference:

$$4.8-5.2-\left(-7.4\right)$$

1. Find the sum:

$$-4+7+\left(-19\right)$$

1. The low tide in Daphne is at 8:57 am with the height of 0.14 m above sea level. The high tide is at 10:02 pm with the height of 0.55 m above sea level. What was the increase in the height of the tide?

**ANSWER**

**Use a number line to find the sum.**

|  |  |
| --- | --- |
|  | $$-5+8+\left(3.5\right)$$**0****1****2****3****4****5****6****7****8****9****-1****-2****-3****-4****-5****-6****-7****-8****-9****Move 8 units to the right** **Move 3.5 units to the right**  |
|  | $$1+\left(-11\right)+4$$**0****-1****-2****-3****-4****-5****-6****-7****-8****-9****Move 4 units to the right** **-10****-11****-13****-14****-15****-16****2****1****-12****Move 11 units to the left** |

1. Find the difference:

$$4.8-5.2-\left(-7.4\right)=4.8-5.2+7.4=-0.4+7.4=7$$

1. Find the sum.

$$-4+7+\left(-19\right)=3-19=-16$$

1. The low tide in Daphne is at 8:57 am with the height of 0.14 m above sea level. The high tide is at 10:02 pm with the height of 0.55 m above sea level. What was the increase in the height of the tide?

$$0.55 m-0.14 m=0.41 m$$