## Unit 5 Lesson 10 Cumulative Practice Problems

1. Evaluate each expression:
2. Evaluate each expression:
3. Order each set of numbers from least to greatest.
   1. 4, 8, -2, -6, 0
   2. -5, -5.2, 5.5, ,

* (From Unit 5, Lesson 1.)

1. .
   1. Write another sum of two numbers that equals 0.
   2. Write a sum of three numbers that equals 0.
   3. Write a sum of four numbers that equals 0, none of which are opposites.

* (From Unit 5, Lesson 3.)

1. A submarine is searching for underwater features. It is accompanied by a small aircraft and an underwater robotic vehicle.

* At one time the aircraft is 200 m above the surface, the submarine is 55 m below the surface, and the underwater robotic vehicle is 227 m below the surface.
  1. What is the difference in height between the submarine and the aircraft?
  2. What is the distance between the underwater robotic vehicle and the submarine?
* (From Unit 5, Lesson 6.)
  1. Clare is cycling at a speed of 12 miles per hour. If she starts at a position chosen as zero, what will her position be after 45 minutes?
  2. Han is cycling at a speed of -8 miles per hour; if he starts at the same zero point, what will his position be after 45 minutes?
  3. What will the distance between them be after 45 minutes?
* (From Unit 5, Lesson 8.)

1. Fill in the missing numbers in these equations

* (From Unit 5, Lesson 9.)



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