

The following items/sets of items (all found online) are assessing standards A1.A.CED.A.1.

For each item/set of items provide the following:

- Label each item/set of items as formative, summative, or both.
- Which Mathematical Learning Goal does each align to?
- Which Performance Goal does each align to?
- Which level from the Evidence of Learning Statements (1-4) on the Instructional Focus Document best matches each?
- Would you modify the item(s) in any way? If so how?

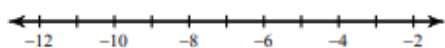
1.

Liam opened a savings account and deposited \$6000. The account earns 5% in interest annually. He makes no further deposits and does not withdraw any money. In t years, he has \$8865 in this account.

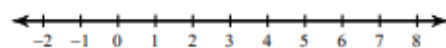
Write an equation in terms of t that models the situation.

2. Solve and graph each inequality

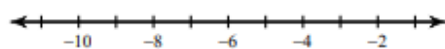
1) $-12 > x - 7$



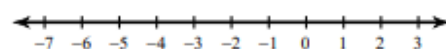
2) $-1 + r \geq 4$



3) $n - 6 \leq -14$



4) $b - 7 < -12$



3.

A large box of 144 chocolates has a width that is three times the height of the box and a length that is twice the width of the boxes. Each chocolate rests in a cube that is 1 in \times 1 in \times 1 in. What is the height of the box in inches?

4.

There are 60 students going on a field trip to the chocolate factory. The students are from three different classes. Mrs. Hooper's class has 24 students and Mr. Gomez's class has 18 students. Which of the equalities correctly describes the students and could be used to solve for how many students are from Mr. Anderson's class? (Let A = the number of students in Mr. Anderson's class.)

- ☐ (A) $A + 18 = 24$
- ☐ (B) $A + A + A = 60$
- ☐ (C) $60 - 18 = A - 24$
- ☐ (D) $24 + 18 + A = 60$