Name: _____

A.CED.A.1: Modeling Linear Equations 4

1 Find three consecutive numbers whose sum is 9 greater than twice the largest number.

2 What number is that which being multiplied by 7 gives a product as much greater as the number itself is less than 20?

3 What number is that, the treble of which, increased by 12, shall as much exceed 54 as that treble is less than 144?

4 Find the number such that if 16 be subtracted from it, $\frac{1}{7}$ of the remainder will be equal to $\frac{1}{9}$ of the number.

5 A person expends $240 in the purchase of wheat. If he had paid 20 cents a bushel less he could have obtained 100 bushels more for the same money. How many bushels did he buy?

A.CED.A.1: Modeling Linear Equations 4
Answer Section

1 ANS:
10, 11, 12

REF: 010606al

2 ANS:
5

REF: 019008al

3 ANS:
31

REF: 019107al

4 ANS:
72

REF: 010504al

5 ANS:
120,000

REF: 019714al