

Name: Class:

Number sequences: word problems

- a. Leo asked his father to get him a money box so he can save up some money in it. He saves \$9 from his allowance in May, \$12 in June, \$15 in July, \$18 in August. How much will Leo save in the month of september if this patern continues?



- b. Lucy is stacking plates. She puts 5 plates in the first stack, 10 plates second stack, 20 plates in the third stack, and 35 plates in the fourth stack. if this parttern continues , how many plates will lucy put in the fifth stack?



Name: Class:

Number sequences: word problems

- a.** Leo asked his father to get him a money box so he can save up some money in it. He saved \$9 from his allowance in May, \$12 in June, \$15 in July, \$18 in August. How much will Leo save in the month of september if this pattern continues?

Let's first find the pattern.



You see that the rule is to add 3 to each term.

So, let's add 3 to 18 to complete the pattern.



Therefore, Leo will save \$21 in the month of september.



- b.** Lucy is stacking plates. She puts 5 plates in the first stack, 10 plates in the second stack, 20 plates in the third stack, and 35 plates in the fourth stack. If this pattern continues, how many plates will Lucy put in the fifth stack?

Let's first find the pattern.



You see that, the amount you add increases by 5 each time

So, let's add 20 to 35 to complete the pattern.



So, Lucy will put 55 plates in the fifth stack.

