Mathematics

Patterns

Read each problem, then solve it.

1. While sorting some buttons, Sandy put 17 buttons in the first box, 19 buttons in the second box, 21 buttons in the third box, and 23 buttons in the fourth box. If this pattern continues, how many buttons will Sandy put in the fifth box?

2. Kyle made15 phone calls on Tuesday, 30 phone calls on Wednesday, 45 phone calls on Thursday, and 60 phone calls on Friday. If this pattern continues, how many phone calls will Kyle make on Saturday?

3. While sorting some change into piggy banks, Arianna put 4 coins in the first piggy bank, 8 coins in the second piggy bank, 16 coins in the third piggy bank, and 32 coins in the fourth piggy bank. If this pattern continues, how many coins will Arianna put in the fifth piggy bank?

4. Arsenio is sorting pencils into boxes. He put 36 pencils in the first box, 40 pencils in the second box, 44 pencils in the third box, and 48 pencils in the fourth box. If this pattern continues, how many pencils will Arsenio put in the fifth box?

5. On her mobile phone plan, Cindy used 9 minutes in May, 18 minutes in June, 27 minutes in July, and 36 minutes in August. If this pattern continues, how many minutes will Cindy use in September?