

Homework

Use the rule to find the next three terms in the pattern.

1. 2, 6, 18, 54, ...

Rule: multiply by 3

2. 115, 145, 175, 205, 235, ...

Rule: add 30

Use the rule to find the first ten terms in the pattern.

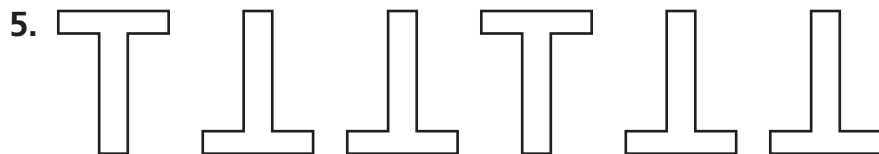
3. First term: 12

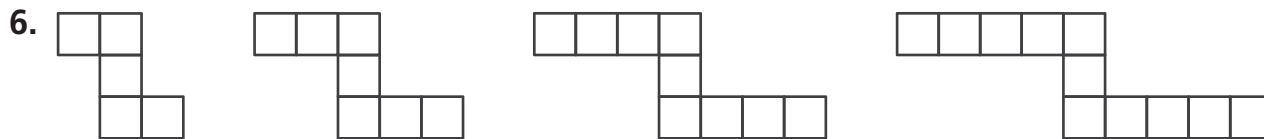
Rule: add 25

Make a table to solve.

4. Jay saves \$2 in June, \$4 in July, \$6 in August, and \$8 in September. If the pattern continues, how much money will Jay save in December?

Describe the next term of each pattern.





Remembering**Subtract.**

$$\begin{array}{r} 1. \quad 491,562 \\ - 208,723 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 392,119 \\ - 48,319 \\ \hline \end{array}$$

Solve.*Show your work.*

3. Sid unpacks 8 cartons of paper clips. Each carton contains 3,500 paper clips. How many paper clips is this altogether?

4. Camille unpacks 102 boxes of red pens and 155 boxes of blue pens. Each box contains 8 pens. How many pens does she unpack altogether?

List all of the factor pairs for each number.

5. 55 _____

6. 14 _____

7. **Stretch Your Thinking** During the first week of the year, Angelina's dad gives her \$10 and says that he will give her \$10 more each week for the rest of the year. At the end of the year, how much money will Angelina receive from her dad? (Hint: 1 year = 52 weeks) Make a table to show the pattern, and explain your answer.
