



Question 1: Circle the correct answer:

1. Which sequence represents a decreasing pattern?

- a) 20, 18, 16, 14, 12 b) 5, 10, 15, 20 c) 1, 2, 1, 2 d) 20, 40, 60, 80

2. What is the next number in the pattern: 3, 6, 9, 12, ...?

- a) 13 b) 15 c) 14 d) 16

3. In the pattern 25, 20, 15, 10, ..., what is the pattern rule?

- a) Add 5 b) Subtract 5 c) Divide by 5 d) multiply by 5

4. What is the standard form of "Four hundred twenty-three thousand six hundred twelve"?

- a) 423,612 b) 432,612 c) 423,621 d) 423,616

5. what is the missing number in this pattern (804 , 799 , 794 , , 784)

- a) 790 b) 795 c) 780 d) 789

Question 2: Hamzeh is packing his collection of 80 books into boxes.

8 books fit in each box. Hamzeh created a pattern to show the number of books he needs .

His pattern is 80, 72, 64, 56, 48, 40, 32,

How many boxes does Hamzeh need?

5th grade
math
patterns worksheet

Question 3:

Number Patterns

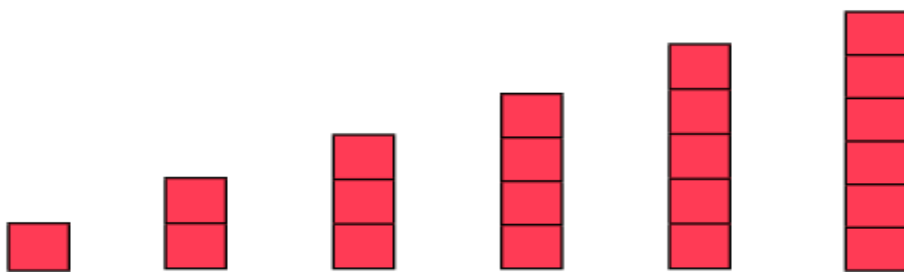
Write the next number in the number sequence. Then find a rule for each sequence.

- 1) 2, 6, 10, 14, 18, _____
- 2) 31, 29, 27, 25, 23, _____
- 3) 123, 112, 101, 90, 79, _____
- 4) 5, 14, 23, 32, 41, 50, _____

Question 4:

Draw the missing figure in each growing pattern.

1)



Question 5: Read the questions and choose the correct answer

Mariah wrote the following pattern:

412, 407, 402, _____, 392, 387, _____

What numbers are missing?

A. 391, 388

C. 397, 385

B. 397, 382

D. 396, 382

Lisa wrote the following pattern:

19, 28, 37, 46, 55, 64, 73

What is the correct rule?

A. add 5

C. add 9

B. add 8

D. add 7