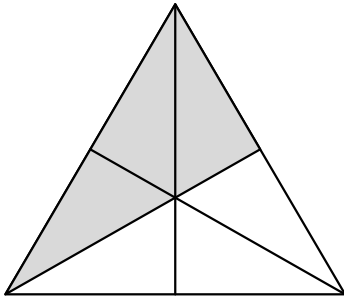


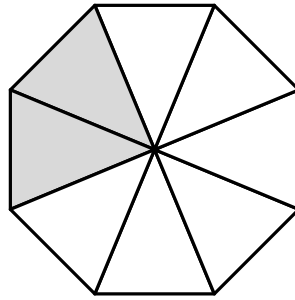


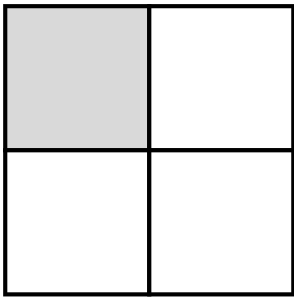
Name:

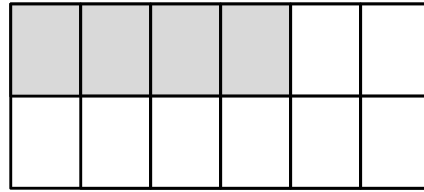
Class:

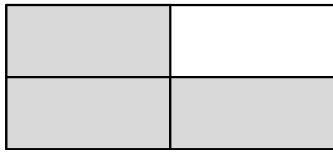
Instruction : Write the fraction in its simplest form that each shaded part represents:

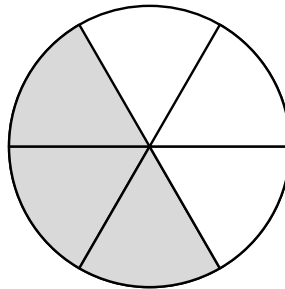


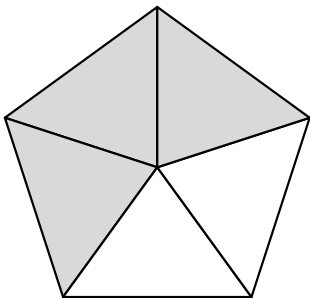


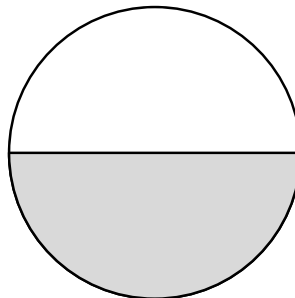


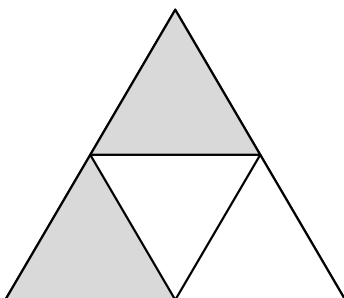


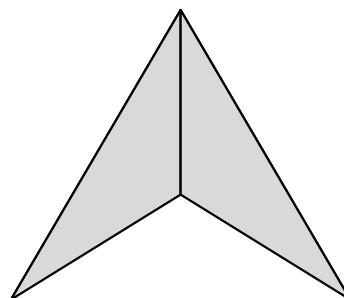














Name:

Class:

Instruction : Identify the relationship between the letters and the numbers. Observe the sequence carefully and fill in the next 5 terms in the blanks provided.

- A2, B4, C6, D8, _____, _____, _____, _____, _____
- Z100, Y90, X80, W70, _____, _____, _____, _____, _____
- ABC1, BCD2, CDE3, DEF4, _____, _____, _____, _____, _____
- 11A, 22B, 33C, 44D, _____, _____, _____, _____, _____
- Z1, X3, V5, T7, _____, _____, _____, _____, _____
- A1Z, B2Y, C3X, D4W, _____, _____, _____, _____, _____
- 5M, 10N, 15O, 20P, _____, _____, _____, _____, _____
- AA10, BB20, CC30, DD40, _____, _____, _____, _____, _____
- Z26, Y25, X24, W23, _____, _____, _____, _____, _____
- 1A2, 3B4, 5C6, 7D8, _____, _____, _____, _____, _____
- B2, D4, F6, H8, _____, _____, _____, _____, _____
- 100A, 200B, 300C, 400D, _____, _____, _____, _____, _____
- AZ, BY, CX, DW, _____, _____, _____, _____, _____
- A11, B22, C33, D44, _____, _____, _____, _____, _____
- 99Z, 88Y, 77X, 66W, _____, _____, _____, _____, _____
- AC3, EG7, IK11, MO15, _____, _____, _____, _____, _____
- 2Z, 4X, 6V, 8T, _____, _____, _____, _____, _____
- P15, Q14, R13, S12, _____, _____, _____, _____, _____
- AAA, BBB, CCC, DDD, _____, _____, _____, _____, _____
- 10Z9, 20Y8, 30X7, 40W6, _____, _____, _____, _____, _____



Name:

Class:

Instruction : These patterns advance by multiplying or dividing the numbers. Identify the rule (e.g., Doubling, Tripling, or Halving) and write the next 5 numbers.

- 2, 4, 8, 16, _____, _____, _____, _____, _____
- 243, 81, 27, 9, _____, _____, _____, _____, _____
- 5, 10, 20, 40, _____, _____, _____, _____, _____
- 1000, 500, 250, 125, _____, _____, _____, _____, _____
- 1, 3, 9, 27, _____, _____, _____, _____, _____
- 128, 64, 32, 16, _____, _____, _____, _____, _____
- 10, 100, 1000, 10000, _____, _____, _____, _____, _____
- 640, 320, 160, 80, _____, _____, _____, _____, _____
- 4, 12, 36, 108, _____, _____, _____, _____, _____
- 2000, 400, 80, 16, _____, _____, _____, _____, _____
- 7, 14, 28, 56, _____, _____, _____, _____, _____
- 729, 243, 81, 27, _____, _____, _____, _____, _____
- 11, 22, 44, 88, _____, _____, _____, _____, _____
- 512, 256, 128, 64, _____, _____, _____, _____, _____
- 6, 12, 24, 48, _____, _____, _____, _____, _____
- 3125, 625, 125, 25, _____, _____, _____, _____, _____
- 1, 4, 16, 64, _____, _____, _____, _____, _____
- 8000, 4000, 2000, 1000, _____, _____, _____, _____, _____
- 3, 6, 12, 24, _____, _____, _____, _____, _____
- 400, 200, 100, 50, _____, _____, _____, _____, _____



Name:

Class:

Instruction : Determine the amount being added or subtracted in each sequence. Follow the logic and fill in the next 5 terms.

- 100, 125, 150, 175, _____, _____, _____, _____, _____
- 1000, 950, 900, 850, _____, _____, _____, _____, _____
- 12, 24, 36, 48, _____, _____, _____, _____, _____
- 500, 480, 460, 440, _____, _____, _____, _____, _____
- 111, 222, 333, 444, _____, _____, _____, _____, _____
- 999, 888, 777, 666, _____, _____, _____, _____, _____
- 15, 30, 45, 60, _____, _____, _____, _____, _____
- 750, 700, 650, 600, _____, _____, _____, _____, _____
- 1, 12, 23, 34, _____, _____, _____, _____, _____
- 250, 225, 200, 175, _____, _____, _____, _____, _____
- 40, 80, 120, 160, _____, _____, _____, _____, _____
- 101, 202, 303, 404, _____, _____, _____, _____, _____
- 900, 810, 720, 630, _____, _____, _____, _____, _____
- 7, 17, 27, 37, _____, _____, _____, _____, _____
- 555, 545, 535, 525, _____, _____, _____, _____, _____
- 20, 45, 70, 95, _____, _____, _____, _____, _____
- 1000, 850, 700, 550, _____, _____, _____, _____, _____
- 14, 28, 42, 56, _____, _____, _____, _____, _____
- 300, 291, 282, 273, _____, _____, _____, _____, _____
- 123, 234, 345, 456, _____, _____, _____, _____, _____