March 2023 Puzzle

1, 2 and 3 each occur exactly once.

Find all two integers that are each prime.

Answer: 2 13 2 31

1, 2, 3 and 4 each occur exactly once.

Find all two integers that are each prime.

Answer: 23 41 2 431 3 241 3 421

(a) 1, 2, 3, 4 and 5 each occur exactly once.

Find all three integers that are each prime.

(b) 1, 2, 3, 4, 5 and 6 each occur exactly once.

Find all four integers that are each prime.

(c) 1, 2, 3, 4, 5, 6 and 7 each occur exactly once.

Find all five integers that are each prime.

(d) 1, 2, 3, 4, 5, 6, 7 and 8 each occur exactly once.

Find all five integers that are each prime, excluding four-digit integers.

(e) 1, 2, 3, 4, 5, 6, 7, 8 and 9 each occur exactly once.

Find all six integers that are each prime.

The names of those sending your answers to volunteering@ukmt.org.uk by 31st April will appear in the next Volunteers Newsletter.

Puzzle July 2022: Answer: 13672

Correct answers from:

Valerie C	Lin C	Tony C	Karl H-B	Jon H	Louise J
Patricia K	Sam N	Sylvia N	Alan S	Michael T	Alex V