Years 7 and up.

Here are some yohaku puzzles to celebrate Maths Week in England. To solve yohaku puzzles you must fill in the empty cells such that they give the sum or product shown in each row and column. The numbers in the cells must also satisfy the given conditions below each puzzle.

Puzzle 1

			99
			20
			273
154	18	195	✕

Use 9 prime numbers.

Puzzle 2

			14
			33
			61
55	37	16	+

Use nine different prime numbers.

Puzzle 3

			8
			90
			693
132	27	140	✕

Use 9 different whole numbers.

Puzzle 4

			-1
			-11
			3
3	-9	-3	+

Use nine consecutive integers.

Puzzle 5

		$\dfrac{8}{15}$
		$\dfrac{1}{3}$
$\dfrac{5}{12}$	$\dfrac{9}{20}$	+

Use unit fractions only

Puzzle 6

				40
				53
				12
				31
25	46	31	34	+

Use 16 consecutive numbers.
Shaded cells contain square numbers.