

Reasoning and problem solving 2

Independent Task

Mathematics

Miss Jones



Oak Tunes

Lisa and Fraya both buy music as digital downloads from Oak Tunes.

Lisa buys four albums and four singles, spending £40.96 in total.

Fraya buys four albums and three singles, spending £39.30 in total.

What is the price of a) an album? b) a single?

What assumptions have you made to solve this problem?

How many ways could you represent this problem?



How old is Gill?

Gill's age now is a multiple of four.
In one year's time, her age will be a prime number.
In two year's time her age will be a multiple of five.

How old is Gill now?

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

