Year 4

Multiplicative Fluency 2

Week 8

63 and 64

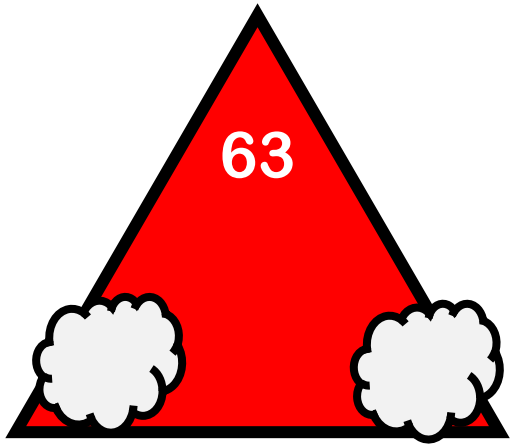
Next we will learn…

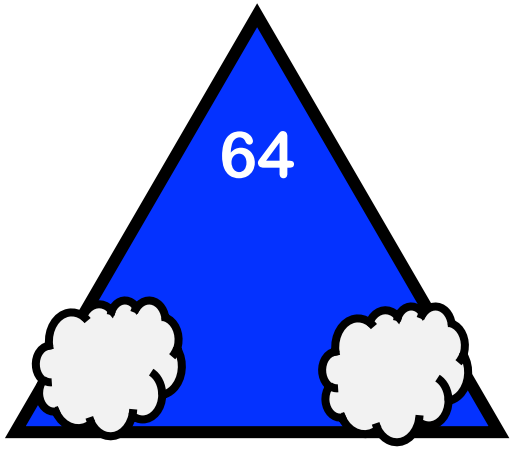
We have learned factors for numbers in the 30s, 40s and 50s

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

Which row do you know best?
30s, 40s or 50s?

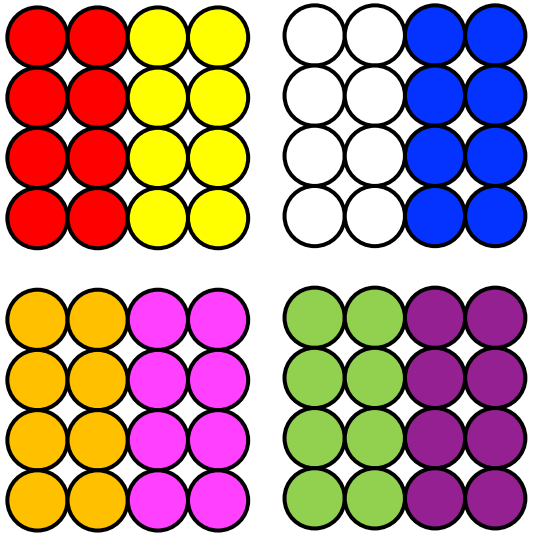
Can you guess any of the factors?

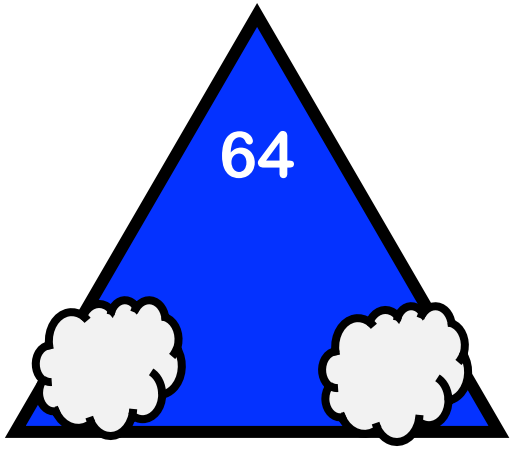


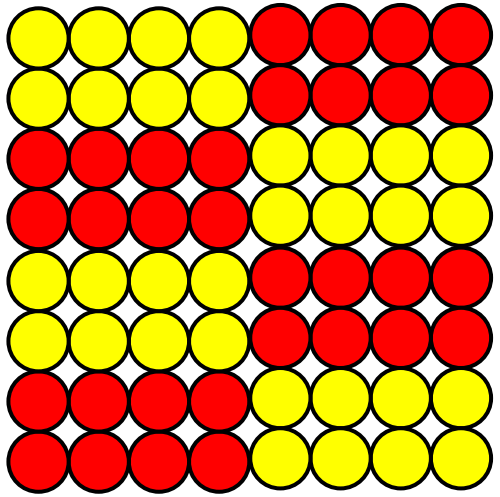


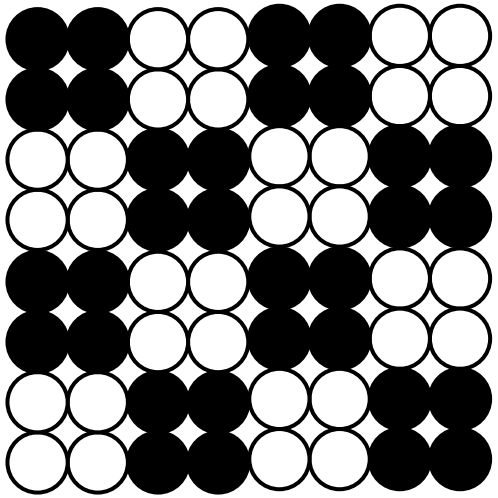
Use a calculator. Try to find the factors for these numbers

64 is a something times itself!

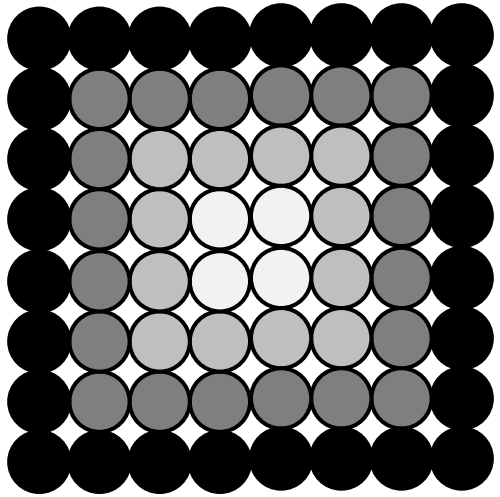




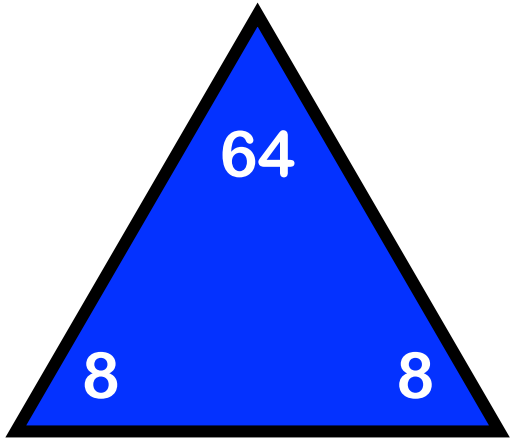




Look at all these squares!

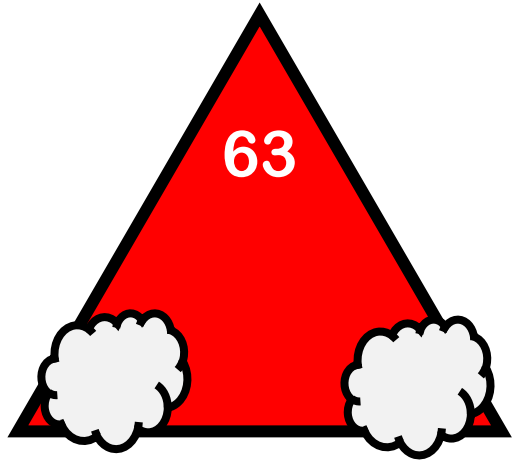


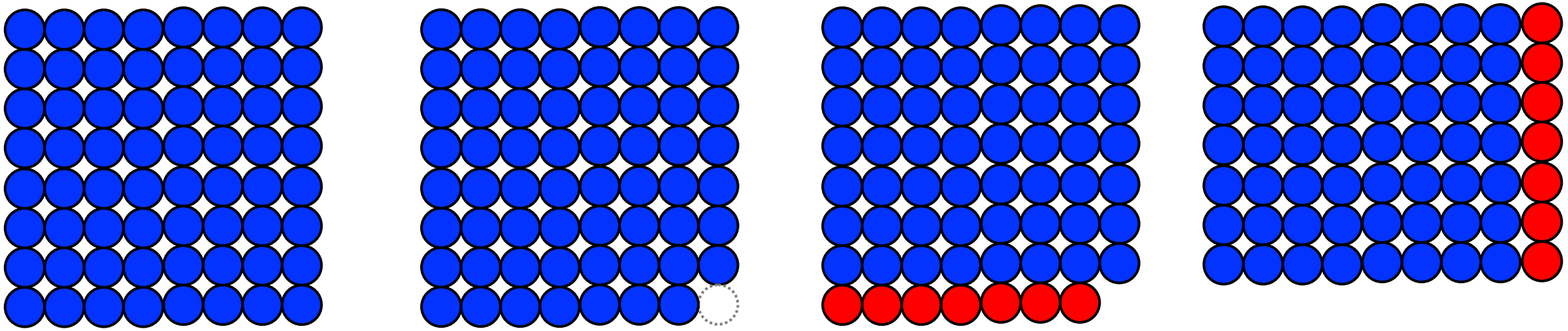
64 is one more than 63



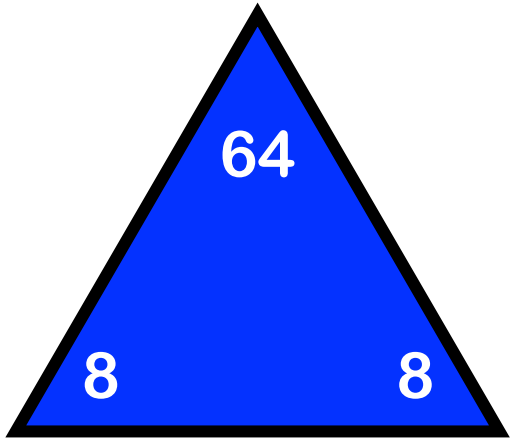
Explain the transformation in stages.

Now work out the factors of 63

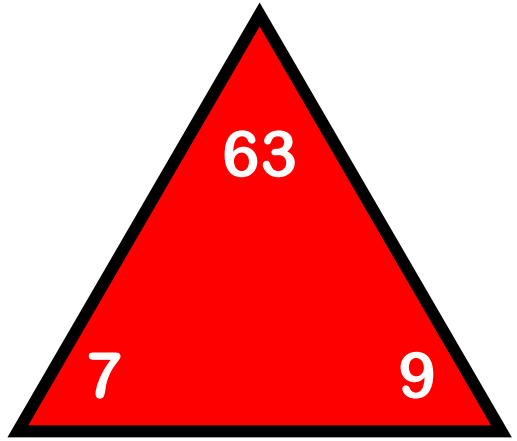




Story problems



Solve the riddles, then try making up some of your own.

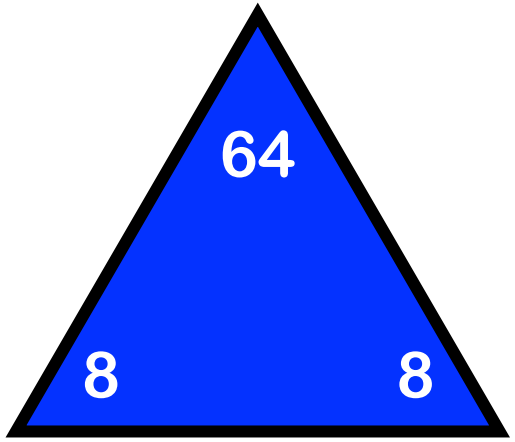


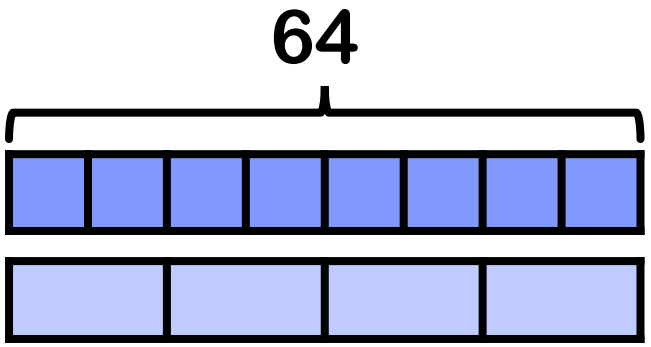
I am …. years old.
My gran is 7 times as old as me. She is 63.
How old am I?

My gran is 8 times as old as me. She is 64.
How old am I?

My gran is 9 times as old as me. I am 7.
How old is she?

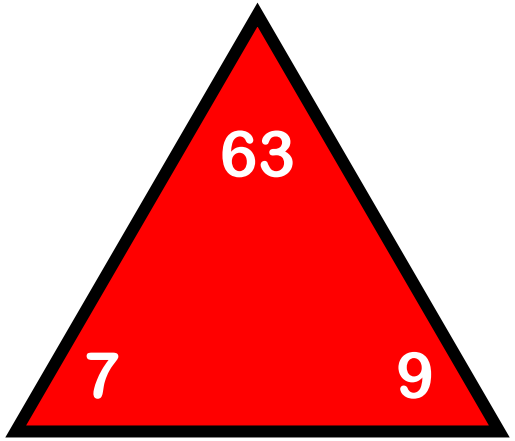
Fraction skills

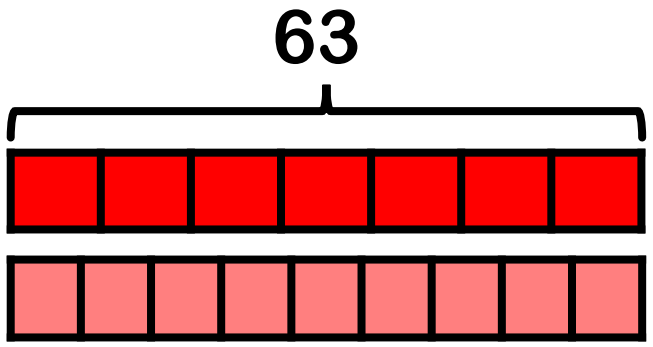




$\frac{1}{8}$ of 64 is $\square$

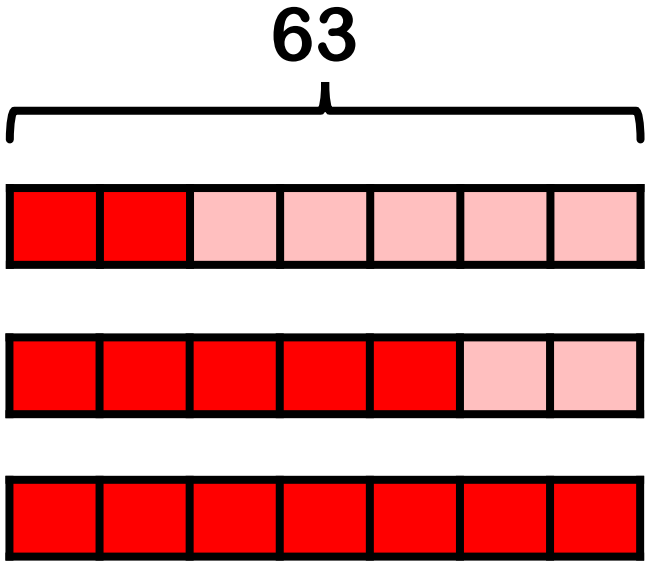
$\frac{1}{4}$ of 64 is $\square$





$\frac{1}{\square}$ of 63 is 9

$\frac{1}{\square}$ of 63 is 7



$\frac{2}{7}$ of 63 is $\square$

$\frac{5}{7}$ of 63 is $\square$

$\frac{7}{7}$ of 63 is $\square$