Valentine's Day Math Mystery Picture

Level 1: Times tables to 12 x 12

Name _____ Date _____

6 × 8	12 × 4	6 × 8	6 × 6	3 × 12	12 × 4	4 × 12	4 × 9	3 × 12	8 × 6	12 × 4	4 × 12
12 × 4	12 × 4	12 × 3	9 × 4	4 × 9	6 × 6	3 × 12	12 × 3	12 × 3	3 × 12	8 × 6	4 × 12
8 × 6	6 × 6	6 × 6	6 × 10	6 × 10	3 × 12	9 × 4	5 × 12	10 × 6	6 × 6	6 × 6	6 × 8
4 × 12	9 × 4	10 × 6	12 × 3	9 × 4	10 × 6	10 × 6	3 × 12	4 × 9	5 × 12	3 × 12	8 × 6
12 × 4	9 × 4	9 × 4	4 × 9	5 × 12	9 × 4	4 × 9	12 × 5	9 × 4	4 × 9	6 × 6	8 × 6
12 × 4	12 × 4	9 × 4	3 × 12	4 × 9	10 × 6	10 × 6	12 × 3	3 × 12	12 × 3	12 × 4	4 × 12
8 × 6	4 × 12	6 × 8	9 × 4	12 × 3	12 × 3	6 × 6	3 × 12	6 × 6	6 × 8	8 × 6	6 × 8
4 × 12	4 × 12	8 × 6	12 × 4	6 × 8	6 × 12	9 × 8	4 × 12	12 × 4	6 × 8	6 × 8	8 × 6
6 × 8	3 × 4	2 × 6	12 × 4	6 × 8	12 × 6	9 × 8	6 × 8	12 × 4	6 × 8	12 × 4	8 × 6
3 × 4	6 × 2	4 × 3	3 × 4	8 × 6	8 × 9	8 × 9	12 × 4	8 × 6	4 × 12	8 × 6	6 × 8
12 × 4	3 × 4	4 × 3	2 × 6	3 × 4	8 × 9	8 × 9	8 × 6	6 × 2	3 × 4	4 × 12	4 × 12
4 × 12	8 × 6	6 × 8	4 × 12	12 × 4	6 × 12	9 × 8	6 × 2	6 × 2	3 × 4	6 × 2	8 × 6
4 × 12	4 × 12	6 × 8	4 × 12	6 × 8	9 × 8	12 × 6	12 × 4	3 × 4	2 × 6	8 × 6	6 × 8
6 × 8	8 × 6	4 × 12	12 × 4	8 × 6	6 × 12	9 × 8	6 × 8	6 × 8	6 × 8	4 × 12	6 × 8

 12 = light green  36 = red  48 = yellow  60 = pink

 72 = green

Valentine's Day Math Mystery Picture

Level 2: Dividing: division facts to 12

Name _____ Date _____

110 ÷ 10	88 ÷ 8	55 ÷ 5	4 ÷ 2	10 ÷ 5	66 ÷ 6	88 ÷ 8	12 ÷ 6	12 ÷ 6	121 ÷ 11	88 ÷ 8	121 ÷ 11
132 ÷ 12	44 ÷ 4	16 ÷ 8	20 ÷ 10	14 ÷ 7	6 ÷ 3	4 ÷ 2	10 ÷ 5	16 ÷ 8	18 ÷ 9	88 ÷ 8	33 ÷ 3
132 ÷ 12	18 ÷ 9	10 ÷ 5	12 ÷ 3	40 ÷ 10	24 ÷ 12	12 ÷ 6	8 ÷ 2	16 ÷ 4	12 ÷ 6	18 ÷ 9	44 ÷ 4
132 ÷ 12	12 ÷ 6	28 ÷ 7	4 ÷ 2	12 ÷ 6	44 ÷ 11	16 ÷ 4	22 ÷ 11	10 ÷ 5	32 ÷ 8	24 ÷ 12	44 ÷ 4
77 ÷ 7	20 ÷ 10	16 ÷ 8	10 ÷ 5	16 ÷ 4	24 ÷ 12	4 ÷ 2	24 ÷ 6	20 ÷ 10	24 ÷ 12	24 ÷ 12	44 ÷ 4
88 ÷ 8	44 ÷ 4	20 ÷ 10	18 ÷ 9	20 ÷ 10	40 ÷ 10	16 ÷ 4	20 ÷ 10	8 ÷ 4	6 ÷ 3	88 ÷ 8	33 ÷ 3
44 ÷ 4	44 ÷ 4	110 ÷ 10	8 ÷ 4	6 ÷ 3	20 ÷ 10	20 ÷ 10	16 ÷ 8	14 ÷ 7	132 ÷ 12	33 ÷ 3	66 ÷ 6
99 ÷ 9	33 ÷ 3	88 ÷ 8	121 ÷ 11	55 ÷ 5	32 ÷ 4	96 ÷ 12	22 ÷ 2	55 ÷ 5	99 ÷ 9	132 ÷ 12	88 ÷ 8
99 ÷ 9	12 ÷ 2	24 ÷ 4	33 ÷ 3	132 ÷ 12	40 ÷ 5	16 ÷ 2	44 ÷ 4	33 ÷ 3	77 ÷ 7	22 ÷ 2	99 ÷ 9
36 ÷ 6	72 ÷ 12	42 ÷ 7	36 ÷ 6	132 ÷ 12	40 ÷ 5	40 ÷ 5	55 ÷ 5	22 ÷ 2	44 ÷ 4	66 ÷ 6	44 ÷ 4
33 ÷ 3	30 ÷ 5	66 ÷ 11	24 ÷ 4	66 ÷ 11	96 ÷ 12	96 ÷ 12	88 ÷ 8	36 ÷ 6	30 ÷ 5	55 ÷ 5	132 ÷ 12
66 ÷ 6	132 ÷ 12	77 ÷ 7	99 ÷ 9	99 ÷ 9	16 ÷ 2	32 ÷ 4	72 ÷ 12	18 ÷ 3	42 ÷ 7	36 ÷ 6	88 ÷ 8
77 ÷ 7	55 ÷ 5	44 ÷ 4	132 ÷ 12	88 ÷ 8	40 ÷ 5	24 ÷ 3	121 ÷ 11	72 ÷ 12	48 ÷ 8	22 ÷ 2	44 ÷ 4
88 ÷ 8	99 ÷ 9	33 ÷ 3	132 ÷ 12	132 ÷ 12	48 ÷ 6	32 ÷ 4	66 ÷ 6	99 ÷ 9	22 ÷ 2	66 ÷ 6	77 ÷ 7

 2 = red

 4 = pink

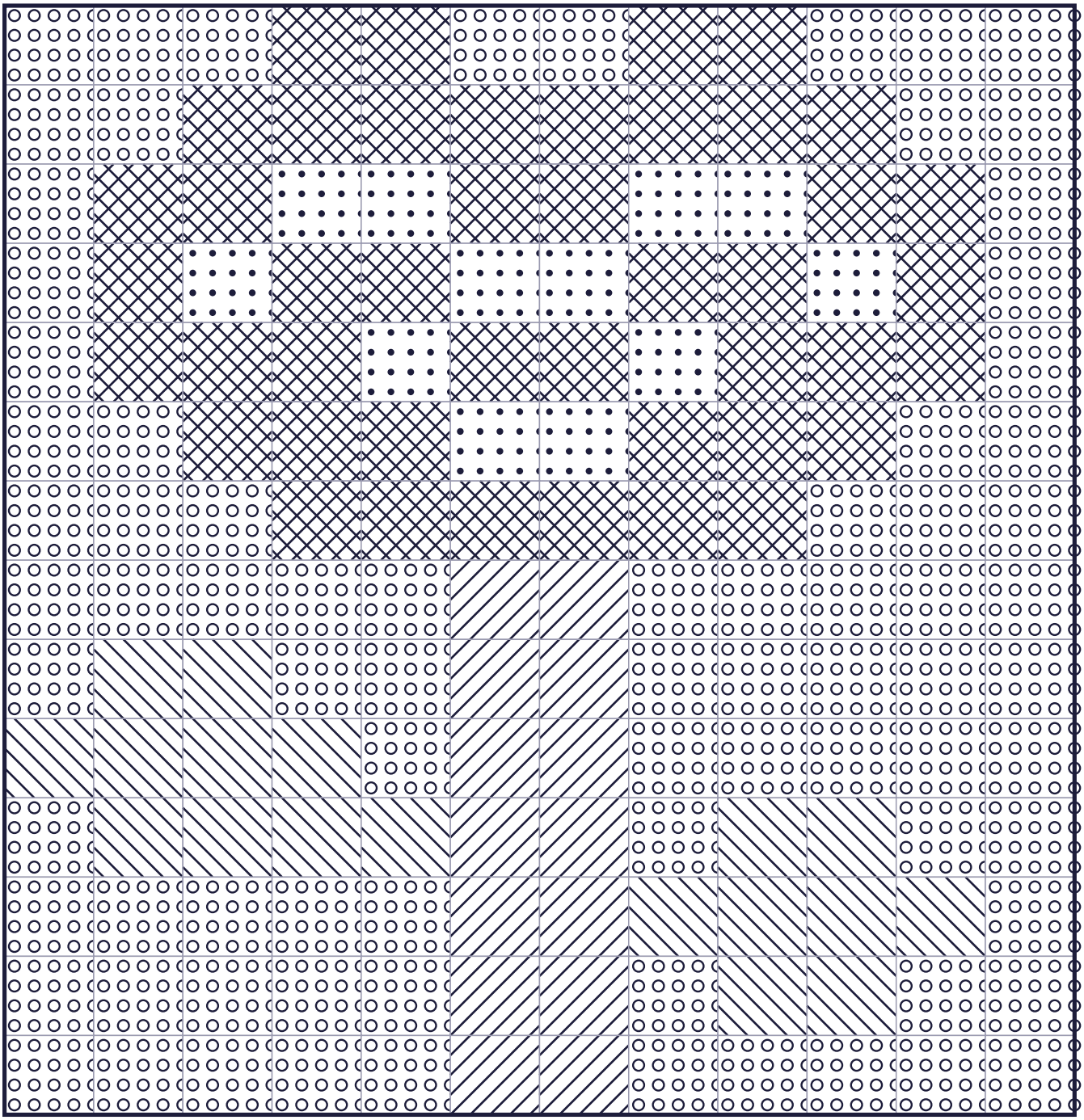
 6 = light green

 8 = green

 11 = yellow

Answer key: Rose

The same picture for Level 1 (L1) and Level 2 (L2).



light green: L1 = 12, L2 = 6

red: L1 = 36, L2 = 2

yellow: L1 = 48, L2 = 11

pink: L1 = 60, L2 = 4

green: L1 = 72, L2 = 8