Valentine's Day Math Mystery Picture

Level 1: Adding and taking away within 10

Name _____ Date _____

4 + 4	7 + 1	9 − 1	10 − 2	9 − 1	6 + 2	5 + 3	4 + 4	7 + 1	7 + 1	10 − 5	3 + 2
9 − 1	10 − 2	10 − 2	10 − 2	3 + 5	1 + 7	9 − 1	9 − 1	2 + 6	1 + 4	9 − 4	7 − 2
3 + 5	1 + 7	5 + 1	9 − 3	7 − 1	9 − 1	7 + 1	8 − 2	1 + 5	4 + 1	10 − 5	7 + 1
4 + 4	8 − 2	3 + 3	9 − 3	1 + 5	3 + 3	1 + 5	4 + 2	3 + 7	8 − 2	8 − 2	6 + 2
7 − 1	8 − 2	2 + 1	1 + 2	9 − 3	9 − 3	10 − 4	8 + 2	1 + 5	5 + 1	4 + 2	1 + 5
5 + 1	1 + 2	2 + 1	10 − 4	2 + 4	4 + 2	1 + 9	1 + 5	7 − 1	5 + 1	10 − 4	5 + 1
1 + 5	2 + 1	3 + 3	1 + 5	7 − 1	1 + 9	9 − 3	10 − 4	8 − 2	10 − 4	3 + 3	1 + 5
1 + 5	7 − 1	3 + 3	1 + 5	6 + 4	10 − 4	4 + 2	8 − 2	7 − 1	3 + 3	9 − 3	9 − 3
4 + 4	9 − 3	4 + 2	9 + 1	1 + 5	5 + 1	9 − 3	2 + 4	10 − 4	3 + 3	4 + 2	7 + 1
9 − 1	5 + 3	4 + 6	9 − 3	10 − 4	8 − 2	1 + 5	10 − 4	4 + 2	7 − 1	10 − 2	2 + 6
10 − 2	4 + 6	10 − 2	8 − 2	9 − 3	7 − 1	8 − 2	5 + 1	1 + 5	5 + 3	1 + 7	2 + 6
1 + 6	1 + 6	9 − 2	9 − 1	5 + 1	1 + 5	1 + 5	4 + 2	7 + 1	9 − 1	2 + 6	3 + 5
1 + 6	3 + 4	10 − 2	10 − 2	1 + 7	8 − 2	9 − 3	9 − 1	7 + 1	3 + 5	9 − 1	4 + 4
3 + 4	5 + 3	6 + 2	5 + 3	7 + 1	2 + 6	4 + 4	1 + 7	6 + 2	5 + 3	9 − 1	6 + 2

3 = white

5 = yellow

6 = red

7 = purple

8 = pink

10 = brown

Valentine's Day Math Mystery Picture

Level 2: Adding and taking away within 20

Name _____ Date _____

14 – 8	11 – 5	18 – 12	18 – 12	18 – 12	13 – 7	12 – 6	16 – 10	14 – 8	20 – 14	20 – 2	16 + 2
18 – 12	15 – 9	20 – 14	17 – 11	15 – 9	20 – 14	15 – 9	16 – 10	11 – 5	14 + 4	4 + 14	1 + 17
20 – 14	15 – 9	10 + 1	14 – 3	3 + 8	17 – 11	14 – 8	2 + 9	4 + 7	17 + 1	15 + 3	14 – 8
14 – 8	3 + 8	17 – 6	4 + 7	16 – 5	1 + 10	8 + 3	4 + 7	10 + 4	15 – 4	10 + 1	16 – 10
1 + 10	5 + 6	17 – 8	13 – 4	7 + 4	15 – 4	12 – 1	19 – 5	17 – 6	5 + 6	13 – 2	16 – 5
13 – 2	12 – 3	19 – 10	19 – 8	1 + 10	13 – 2	7 + 7	9 + 2	4 + 7	4 + 7	16 – 5	15 – 4
2 + 9	16 – 7	16 – 5	3 + 8	20 – 9	1 + 13	4 + 7	19 – 8	10 + 1	20 – 9	2 + 9	9 + 2
18 – 7	13 – 2	7 + 4	6 + 5	11 + 3	17 – 6	18 – 7	8 + 3	9 + 2	18 – 7	18 – 7	8 + 3
14 – 8	12 – 1	16 – 5	16 – 2	17 – 6	20 – 9	6 + 5	13 – 2	12 – 1	8 + 3	19 – 8	19 – 13
16 – 10	14 – 8	20 – 6	19 – 8	16 – 5	15 – 4	3 + 8	3 + 8	15 – 4	13 – 2	18 – 12	19 – 13
15 – 9	5 + 9	15 – 9	10 + 1	10 + 1	5 + 6	7 + 4	15 – 4	15 – 4	11 – 5	13 – 7	19 – 13
12 + 8	2 + 18	14 + 6	15 – 9	15 – 4	9 + 2	3 + 8	16 – 5	15 – 9	19 – 13	20 – 14	15 – 9
14 + 6	12 + 8	19 – 13	18 – 12	18 – 12	13 – 2	19 – 8	18 – 12	13 – 7	15 – 9	16 – 10	13 – 7
19 + 1	16 – 10	16 – 10	16 – 10	19 – 13	20 – 14	20 – 14	20 – 14	17 – 11	13 – 7	12 – 6	17 – 11

6 = pink

9 = white

11 = red

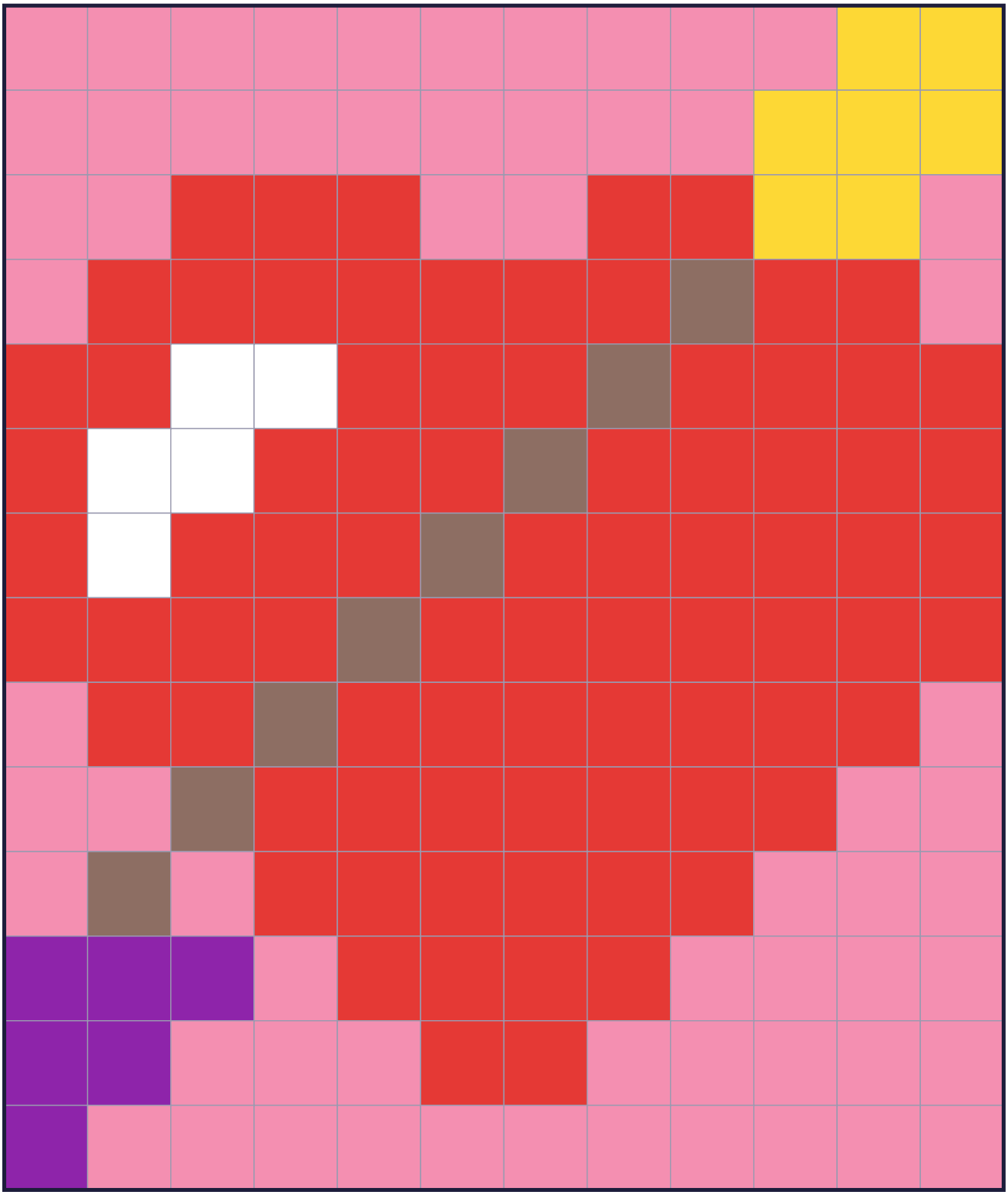
14 = brown

18 = yellow

20 = purple

Answer key: Heart and Arrow

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



white: L1 = 3, L2 = 9

yellow: L1 = 5, L2 = 18

red: L1 = 6, L2 = 11

purple: L1 = 7, L2 = 20

pink: L1 = 8, L2 = 6

brown: L1 = 10, L2 = 14