Name _____Date_____

1. Circle groups of 4. Then draw the hearts into two equal rows.

♡ ♡ ♡ ♡
♡ ♡ ♡ ♡

_____

_____
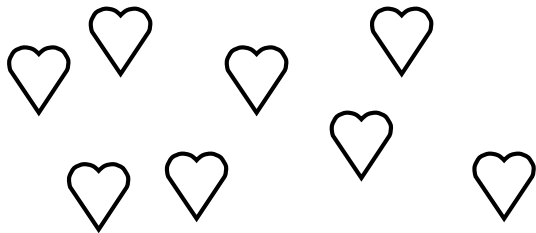
2. Circle groups of 2. Redraw the groups of 2 as rows and then columns.

_____

_____

_____

_____

○ ○
○ ○ ○
○ ○
○

| | | |
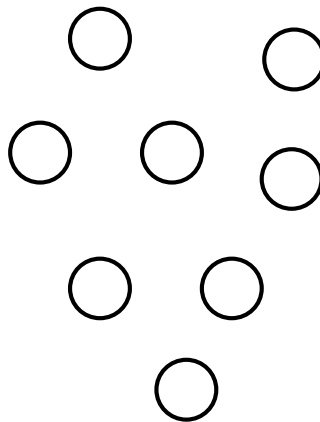
3. Use the array to answer the questions below.
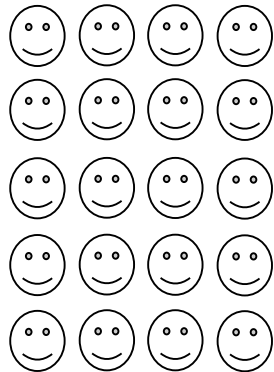
a. _____ rows of _____= _____

b. _____ columns of _____=_____
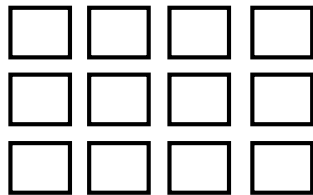
c. _____+_____+_____+_____= _____

d. Add 1 more row. How many smiley faces are there

   now?_____

e. Add 1 more column to the new array you made in 1d. How

   many smiley faces are there now? _____

4. Use horizontal or vertical lines to separate rows or columns.
   a. Draw an array of X's with 3 rows of 4.

   b. Write a repeated addition sentence to find the total number of X's.

   _____

5. Use the array to answer the questions below.

   a. There are _____ squares in one row.

   b. There are _____ squares in one column.

   c. _____+_____+ _____ + _____= _____

   d. 4 columns of _____ = _____ rows of _____ = _____ total

6. Draw a tape diagram or an array to solve the word problem.

   a. Katie cleans 3 puppies every hour at work. She works 5 hours on Friday. How many puppies did she clean on Friday?

   b. Write an addition number sentence to match the word problem in 1a.

   _____

   c. Write a word sentence to answer the word problem in 1a.

   _____

Rubric

1	1 point circle correct groups 1 point draw equal rows correctly	2 points
2	1 point circle correct groups 1 point draw equal rows correctly 1 point draw equal columns correctly	3 points
3a	1 point correct number sentence 1 point correct answer	2 points
3b	1 point correct number sentence 1 point correct answer	2 points
3c	1 point correct number sentence 1 point correct answer	2 points
3d	1 point for drawing 1 point for total	2 points
3e	1 point for drawing 1 point for total	2 points
4a	2 points for correct drawing	2 points
4b	1 point for addition sentence 1 point for correct answer	2 points
5a	1 point correct answer	1 point
5b	1 point correct answer	1 point
5c	1 point correct number sentence 1 point correct answer	2 points
5d	1 point correct number sentence 1 point correct answer	2 points
6a	1 point for drawing	1 point
6b	1 point correct number sentence 1 point correct answer	2 points
6c	1 point correct word sentence 1 point correct answer	2 points
	Total Points	30 points