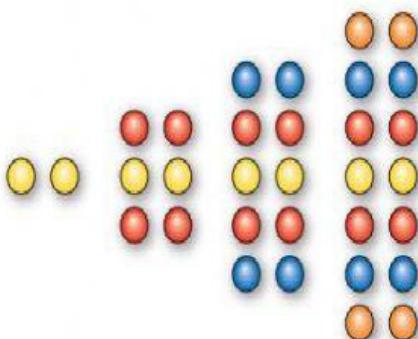


HOMEWORK WEEK 4

NAME:

CLASS:

3 Harry made a shape pattern with counters. The table shows the number of counters he used for each shape.



Shape number	1	2	3	4	n
Counters	2	6	10	14	?

a) How many counters would he use for the fifth shape?
 b) How many counters would he use for the tenth shape?
 c) Choose the correct formula for this dot pattern.

3n - 1

2n + 2

4n - 2

5n - 3

3n + 1

d) Emily uses 58 counters to make a shape in this pattern. What is its shape number?

3 Work out the value of each letter.

a) $5e + 8 = 28$ e =

b) $4h - 12 = 12$ h =

c) $26 - 3p = 5$ p =

d) $2r + 5 = 23$ r =

e) $7v - 11 = 10$ v =

f) $4w + 9 = 49$ w =

4 Write an equation for each of these problems.

a) Flowers are put in bunches of 10. How many flowers are there in t bunches?

b) A ticket cost \$x. What is the cost of 12 tickets?

c) There are 25 library books and n books are borrowed. How many library books are left?

d) A farmer collects 14 eggs in the morning and will collect g eggs in the evening. How many eggs will the farmer have altogether?