

Name: _____
Date: _____

Strategy: Geometry
Worksheet: Block Problems

In this problem you are asked to build different number piles with blocks. Can you do it?

Piles of cubes:

- (a) You have been given 14 cubes.
- (b) Make four piles so that the first pile contains:
 - (i) three more cubes than the second pile
 - (ii) the second pile contains one cube less than the third pile
 - (iii) the fourth pile contains twice as many as the second pile.
- (c) How many cubes are in each pile?

Draw the arrangement of cubes here.....

More Piles of cubes:

- (a) Using 20 cubes
- (b) Make four piles so that the first pile contains:
 - (i) three more cubes than the second pile
 - (ii) the second pile contains five less than the third pile
 - (iii) the fourth pile contains three times as many as the second pile.
- (c) How many cubes are in each pile?

Draw the arrangement of cubes here.....

Name: _____
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Strategy: Geometry
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In this problem you are asked to build different number piles with blocks. Can you do it?

Make up your own block problem (*Hint: build before you write the problem*)

(a) You have been given _____ cubes

(b) Make four piles so that the first pile contains:

(c) How many cubes are in each pile?

Draw the arrangement of cubes here.....