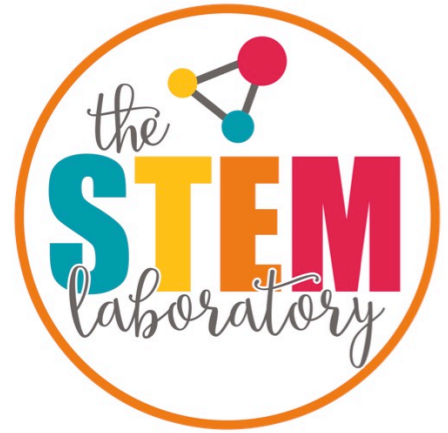


— number —
decomposition



Playdough to PLATO



Thank you for your purchase! I hope that Playdough to Plato and The STEM Laboratory are helpful sources of fun, creative learning activities for your classroom or homeschool.

Be sure to follow along with our newest learning activities!

FACEBOOK- [Facebook.com/PlaydoughToPlato](https://www.facebook.com/PlaydoughToPlato) and [The STEM Laboratory](https://www.facebook.com/TheSTEMLaboratory)

PINTEREST- [Pinterest.com/Playdough2Plato](https://www.pinterest.com/Playdough2Plato)

INSTAGRAM- [Instagram.com/Playdough2Plato](https://www.instagram.com/Playdough2Plato)

Appreciatively,

Malia

playdoughtoplato@gmail.com or theSTEMlaboratory@gmail.com

TERMS OF USE

You are welcome to use this printable for personal or classroom use.

If you would like to share these printables with friends, please purchase an additional license or invite them to purchase their own copy.

You may not sell or in any way profit from this electronic file.

You may not store or distribute this file in any other website or another location where people may download it (ex. Dropbox, Facebook groups, 4Shared).

GRAPHICS CREDIT

Our clip art was created by Pretty Grafik Designs - <https://www.etsy.com/shop/Prettygrafikdesign>

Teaching in the Tongass - <https://www.teacherspayteachers.com/Store/Teaching-In-The-Tongass>

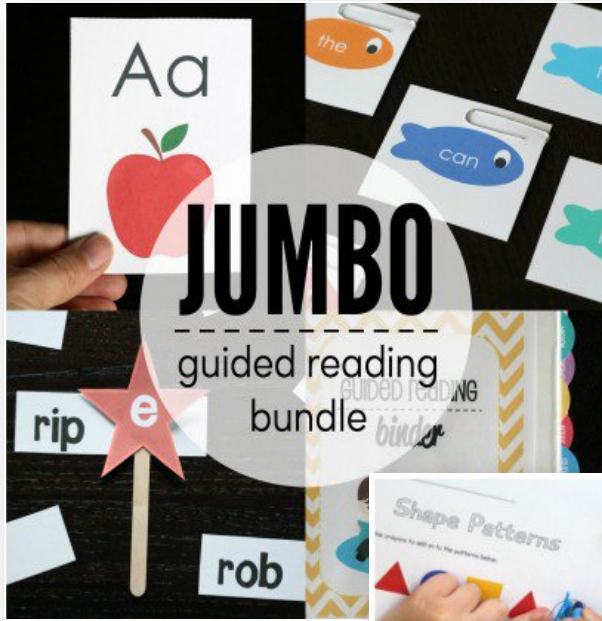
Whimsy Clips - <https://www.teacherspayteachers.com/Store/Whimsy-Clips>

Little Red - <https://www.teacherspayteachers.com/Store/Littlered>

Sculpt Designs- <https://www.teacherspayteachers.com/Store/Sculpt-Designs>

Pixel Paper Prints - <https://www.etsy.com/shop/pixelpaperprints>

love these? find more!



JUMBO
guided reading
bundle



super cool
science kit



30
EDITABLE SIGHT
WORD GAMES



ULTIMATE
preschool
ACTIVITY PACK



magic words
word work
activities

© Playdough to Plato.

Available on...

Playdough to Plato & Teachers Pay Teachers.

directions

ASSESSMENT-

If you would like to differentiate the activity to meet the needs of individual students, pull kids one at a time to complete this quick assessment-

Fill a cup with 10 counting beans. Randomly dump out 3 or 4 beans into your hand and show them to the child. The student should be able to instantly recognize the number of beans you are holding.

If he cannot, have him begin the unit by working on the pack of number 3 activities.

If he can, place the beans back in the cup and dump out a larger number of beans. Continue showing the child increasingly larger numbers until you can identify the smallest number the child struggles to instantly recognize. Have him start working on activities focusing on that number.

For instance, if Sam instantly names the groups of 3, 4 and 5 beans but stumbles when you show him 6 beans, he should begin working on the number six activities first and then move his way through number seven, eight, nine and ten.

PREP-

Print one record sheet for each student.

Depending on the activity you are working on, fill a small cup with the correct number of beans, counting dots or unifix cubes for each child. If you are differentiating, you may want to label the cups with the number of objects inside so children can easily find the cup they need to complete the activity.

NOTE: For the stacks of unifix cubes activity, children will need two stacks of different colored towers for each number. For example, if Sam is working on the number 3, he could use 3 reds and 3 blues. If Beth is working on 6, she could use 6 greens and 6 yellows.

SPILL THE BEANS ACTIVITY-

Students shake their cup and dump the beans on the table. They color their picture to match and write the number of reds and whites that landed face up to complete the number sentence.

directions

GROUPS OF DOTS ACTIVITY-

Students shake their cup and dump the counting dots on the table. They use a Bingo dabber or crayon to color their picture to match. Then they write the number of reds and yellows that landed face up to complete the number sentence.

STACKS OF TEN ACTIVITY-

Students build a stack of unifix cubes with just one color. They color their picture to match and write the corresponding number sentence.

Then they remove one of their cubes and replace it with a different colored unifix cube...









Children continue replacing just one brick at a time, coloring their picture and writing the matching number sentence.

If there is space on the page, children can repeat the activity with two different colored stacks like the example to the right.

Name _____

stacks of three

Make a stack of cubes. Color the picture to match. Then write your number sentence.

 3 and 0 make 3.	 2 and 1 make 3.
 1 and 2 make 3.	 0 and 3 make 3.
 3 and 0 make 3.	 2 and 1 make 3.
 and make 3.	 and make 3.

PLAYDOUGH TO PLATO

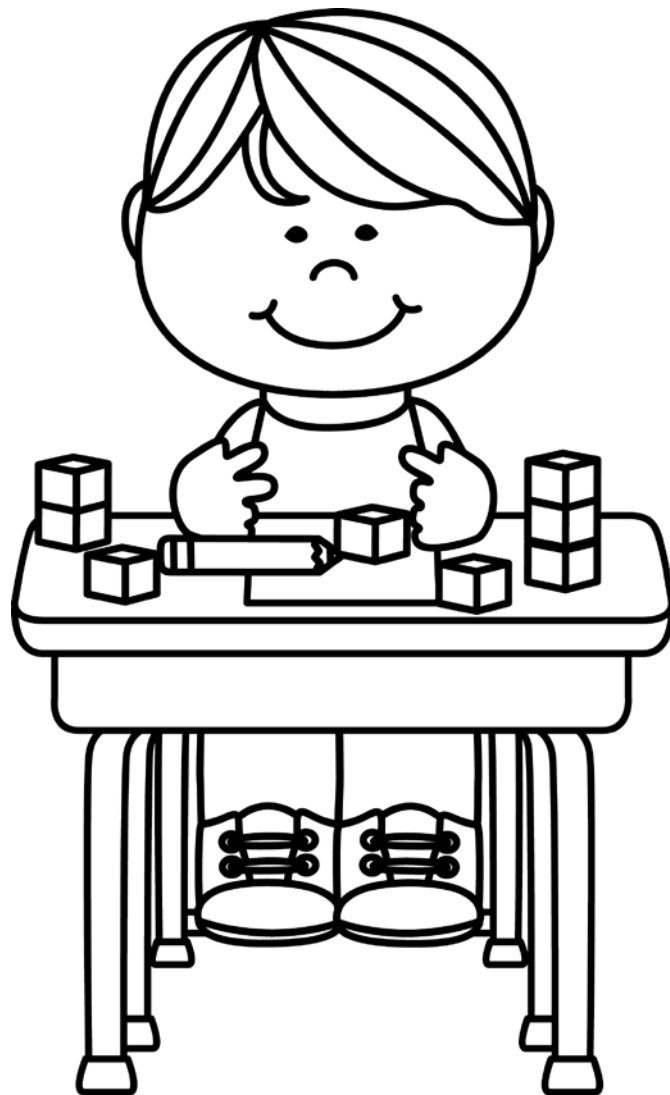
My Number — Book —



By _____

My Number

— Book —



By _____

Name _____

spill the beans



Spill your beans. Color the picture to match. Then write your number sentence.

© Playdough to Plato.



___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.



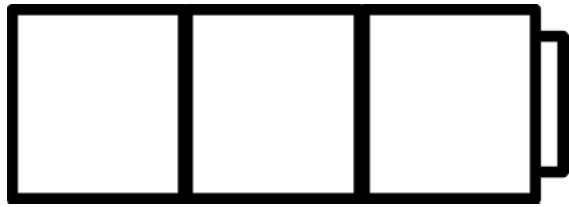
___ and ___ make 3.

Name _____

stacks of three

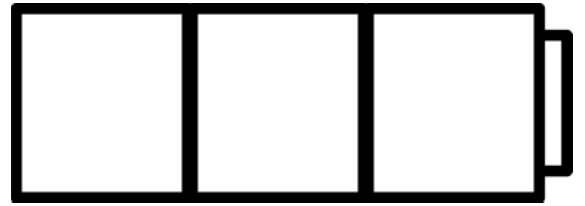
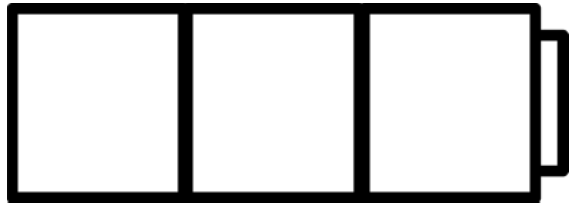


Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 3.

___ and ___ make 3.



___ and ___ make 3.

___ and ___ make 3.



___ and ___ make 3.

___ and ___ make 3.



___ and ___ make 3.

___ and ___ make 3.

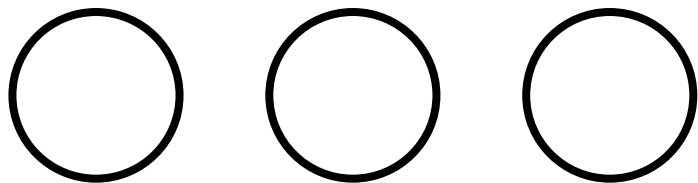
Name _____

groups of dots

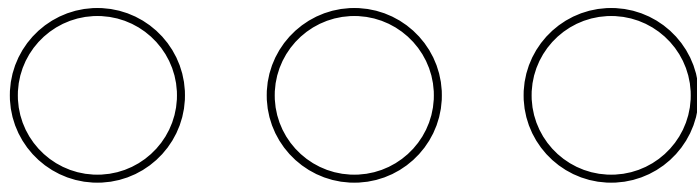


Spill your dots. Bingo dab the picture to match. Then write your number sentence.

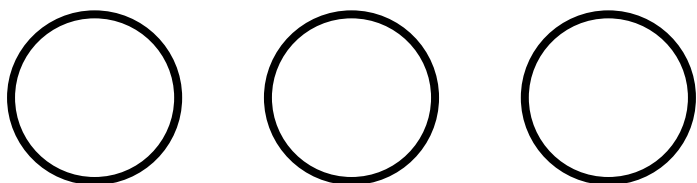
© Playdough to Plato.



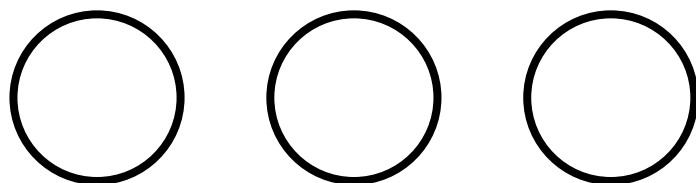
___ and ___ make 3.



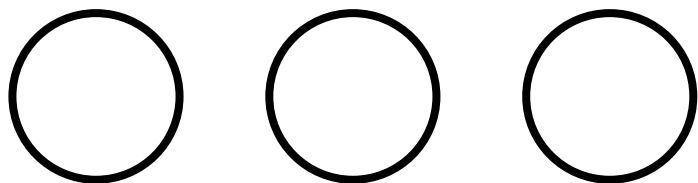
___ and ___ make 3.



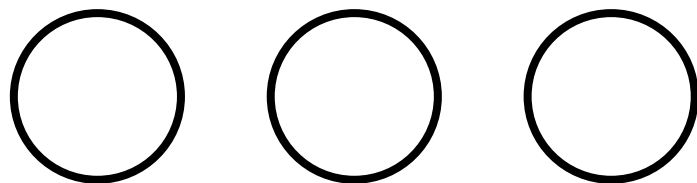
___ and ___ make 3.



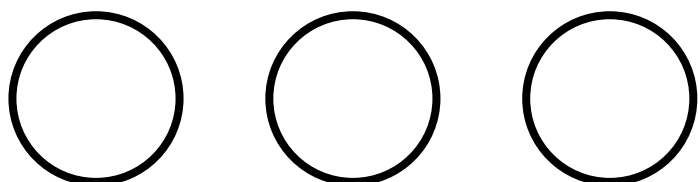
___ and ___ make 3.



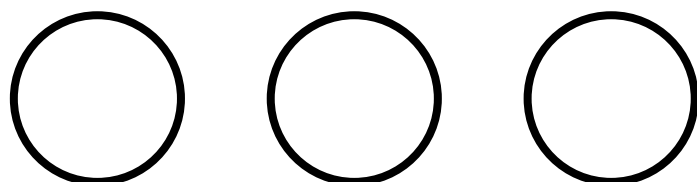
___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.



___ and ___ make 3.

Name _____

spill the beans



Spill your beans. Color the picture to match. Then write your number sentence.

© Playdough to Plato.

___ and ___ make 4.

___ and ___ make 4.

___ and ___ make 4.

___ and ___ make 4.

___ and ___ make 4.

___ and ___ make 4.

___ and ___ make 4.

___ and ___ make 4.

Name _____

stacks of four



Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.

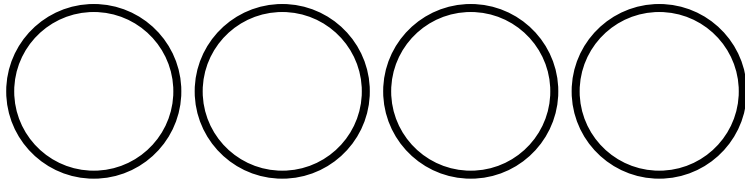
Name _____



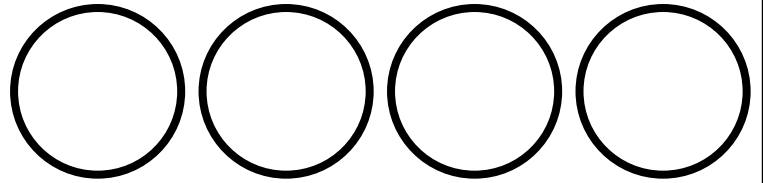
© Playdough to Plato

groups of dots

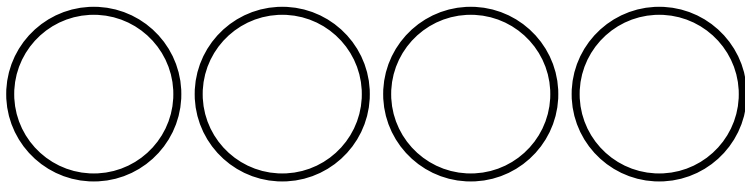
Spill your dots. Bingo dab the picture to match. Then write your number sentence.



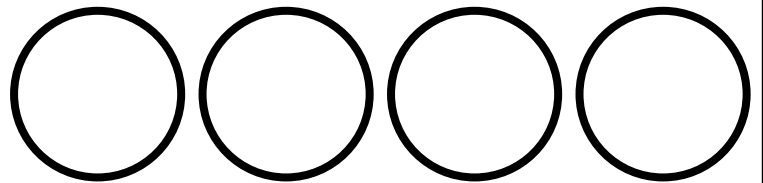
___ and ___ make 4.



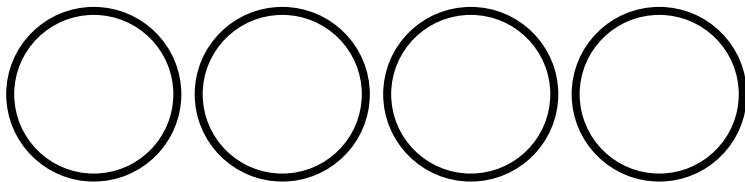
___ and ___ make 4.



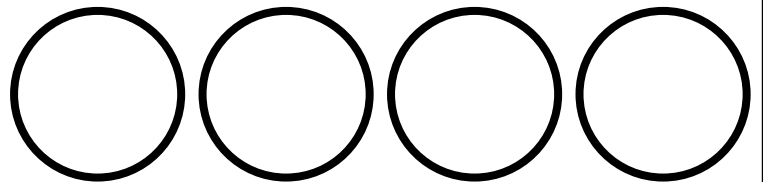
___ and ___ make 4.



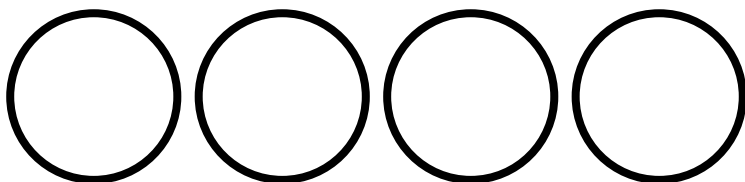
___ and ___ make 4.



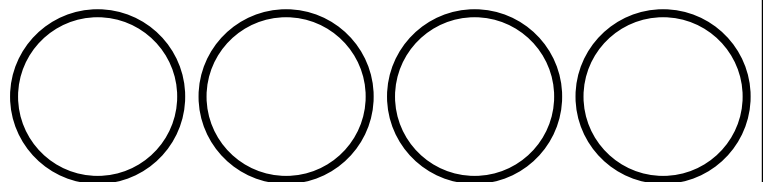
___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.



___ and ___ make 4.

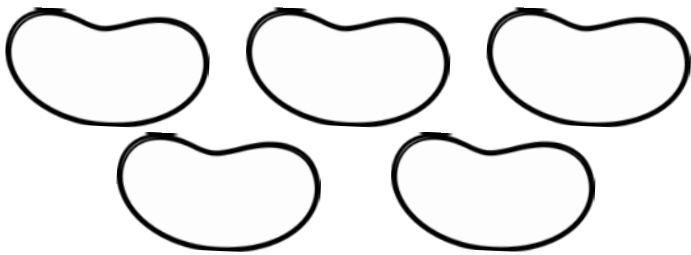
Name _____

spill the beans

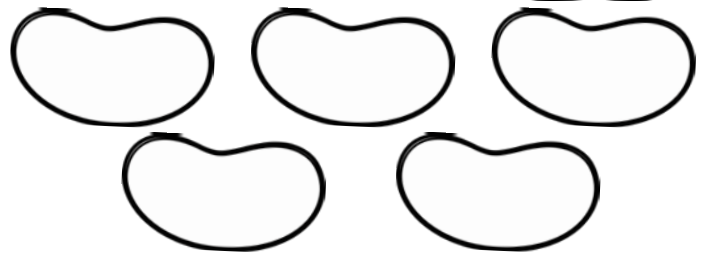


Spill your beans. Color the picture to match. Then write your number sentence.

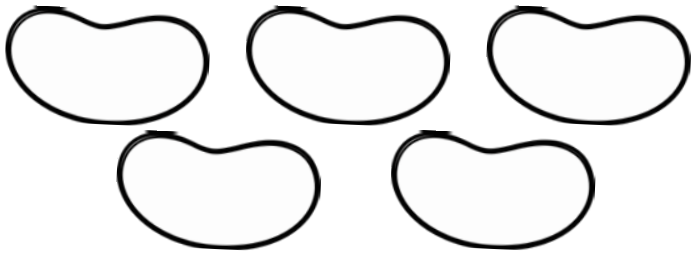
© Playdough to Plato



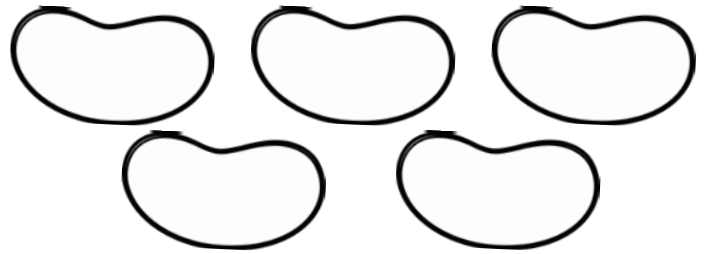
___ and ___ make 5.



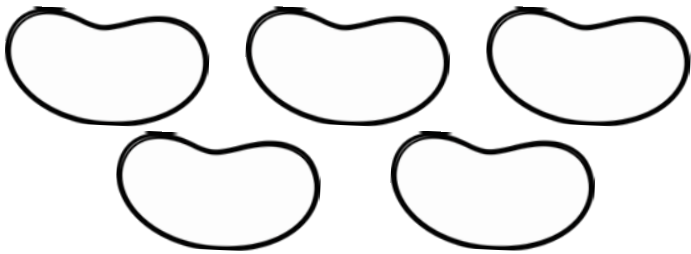
___ and ___ make 5.



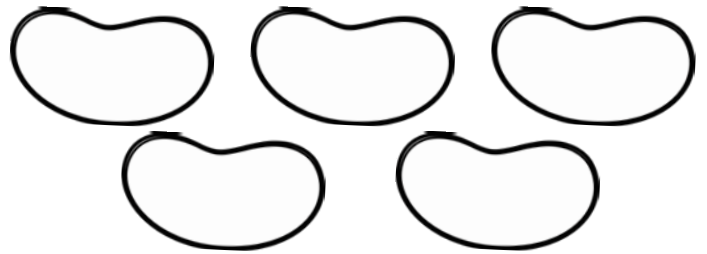
___ and ___ make 5.



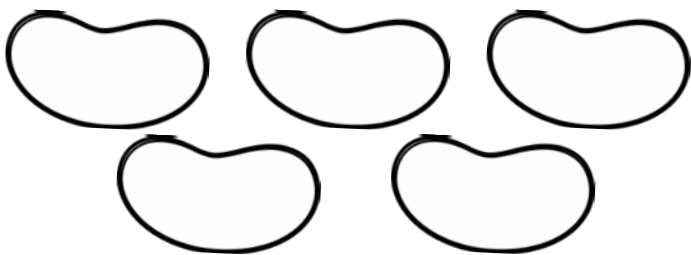
___ and ___ make 5.



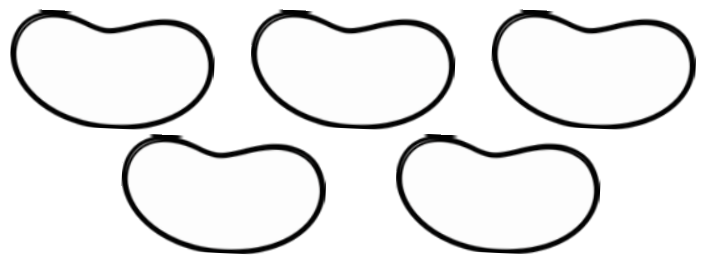
___ and ___ make 5.



___ and ___ make 5.



___ and ___ make 5.



___ and ___ make 5.

Name _____

stacks of five



Make a stack of cubes. Color the picture to match. Then write your number sentence.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

___ and ___ make 5.

--	--	--	--	--

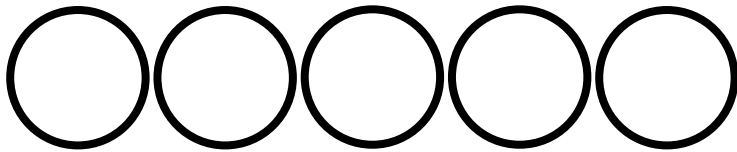
___ and ___ make 5.

Name _____

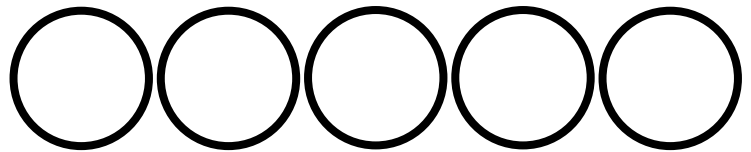
groups of dots



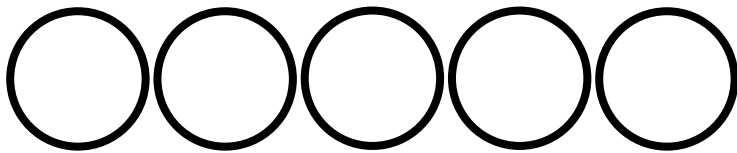
Spill your dots. Bingo dab the picture to match. Then write your number sentence.



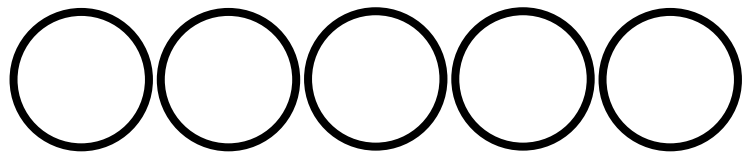
___ and ___ make 5.



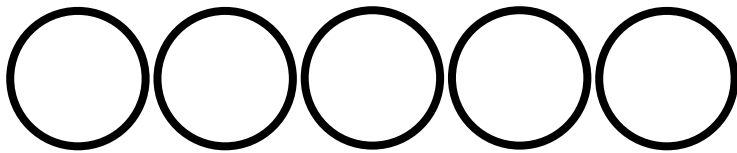
___ and ___ make 5.



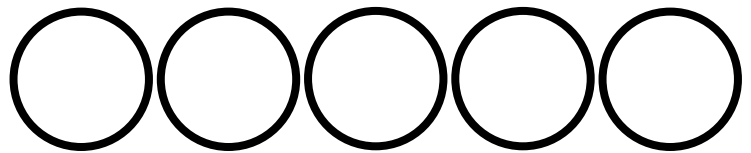
___ and ___ make 5.



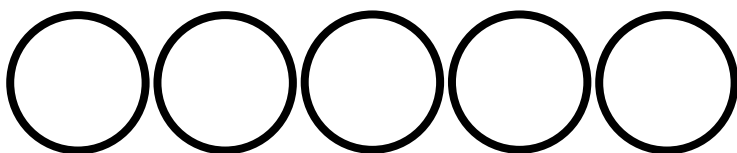
___ and ___ make 5.



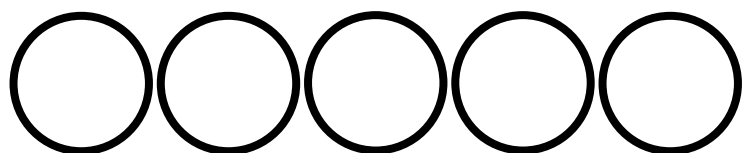
___ and ___ make 5.



___ and ___ make 5.



___ and ___ make 5.



___ and ___ make 5.

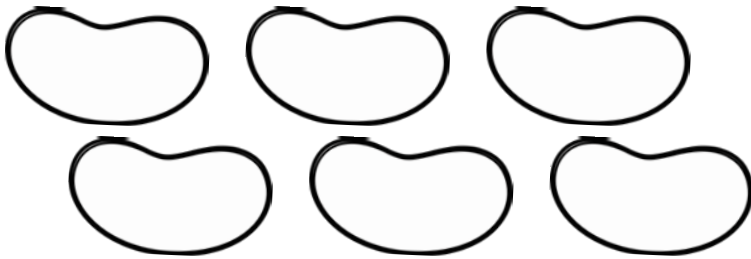
Name _____

spill the beans

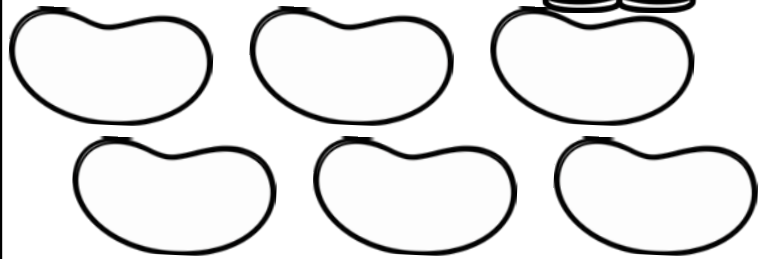


© Playdough to Plato

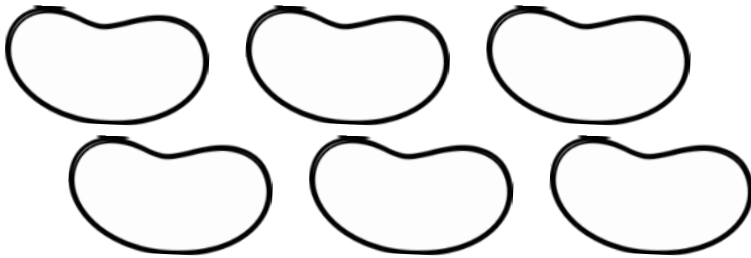
Spill your beans. Color the picture to match. Then write your number sentence.



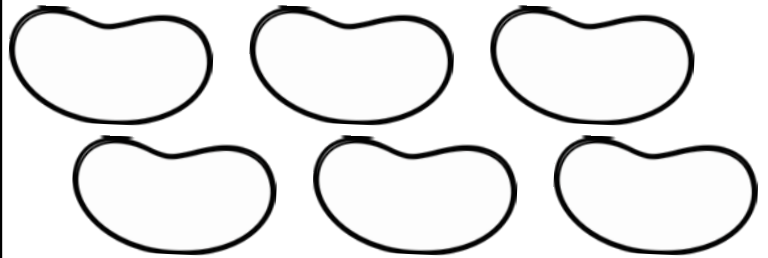
___ and ___ make 6.



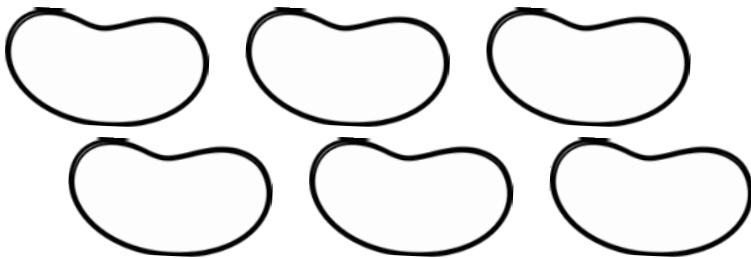
___ and ___ make 6.



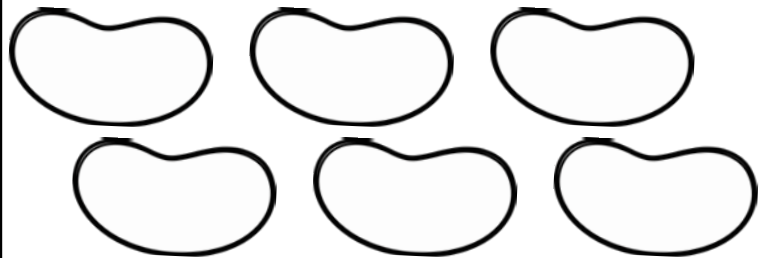
___ and ___ make 6.



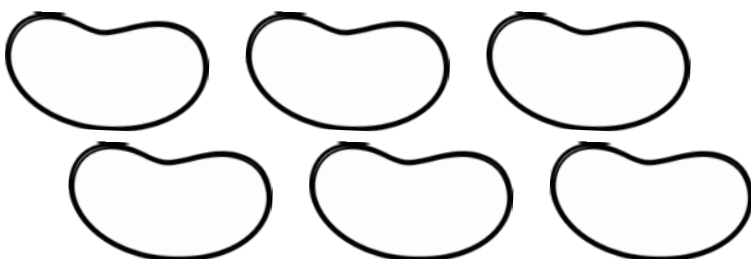
___ and ___ make 6.



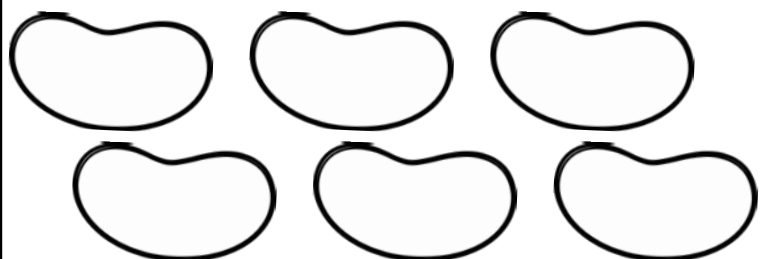
___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.

Name _____

stacks of six



© Playdough to Plato

Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.



___ and ___ make 6.

Name _____

groups of dots



© Playdough to Plato

Spill your dots. Bingo dab the picture to match. Then write your number sentence.

_____ and _____ make 6.

_____ and _____ make 6.

_____ and _____ make 6.

_____ and _____ make 6.

_____ and _____ make 6.

_____ and _____ make 6.

_____ and _____ make 6.

_____ and _____ make 6.

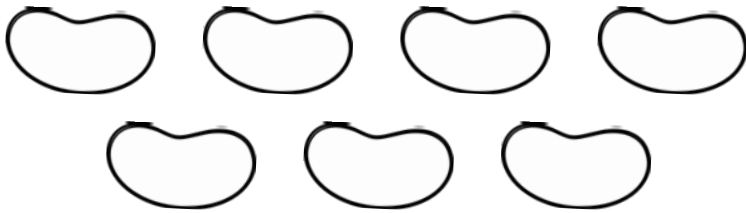
Name _____

spill the beans

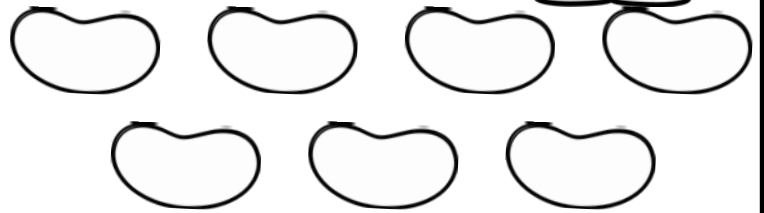


© Playdough to Plato

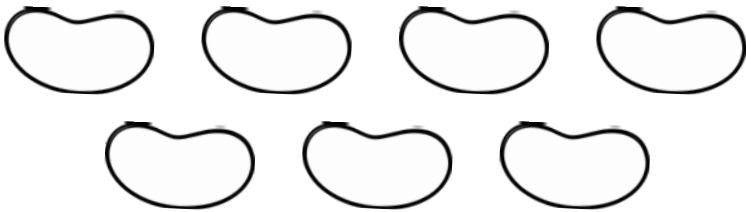
Spill your beans. Color the picture to match. Then write your number sentence.



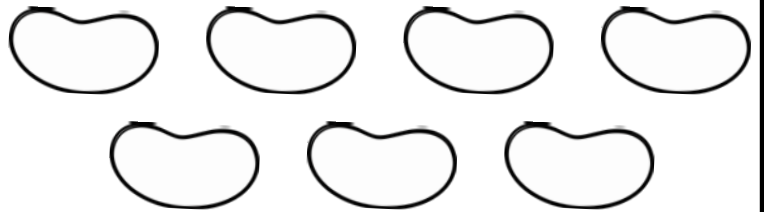
___ and ___ make 7.



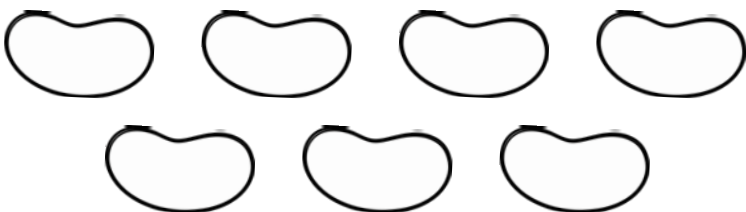
___ and ___ make 7.



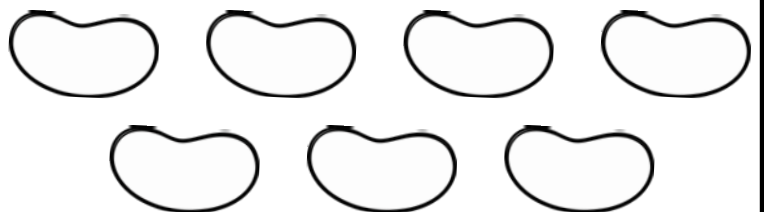
___ and ___ make 7.



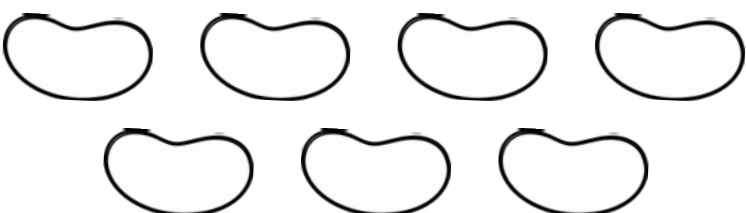
___ and ___ make 7.



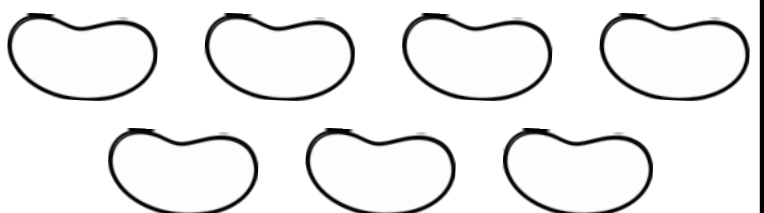
___ and ___ make 7.



___ and ___ make 7.



___ and ___ make 7.



___ and ___ make 7.

Name _____

stacks of seven



Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 7.



___ and ___ make 7.



___ and ___ make 7.



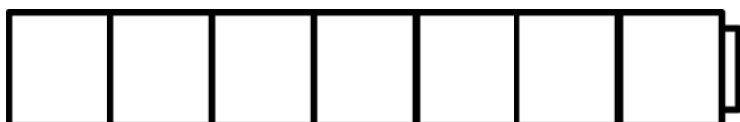
___ and ___ make 7.



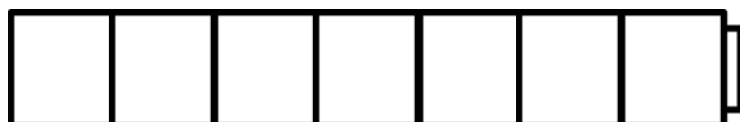
___ and ___ make 7.



___ and ___ make 7.



___ and ___ make 7.



___ and ___ make 7.

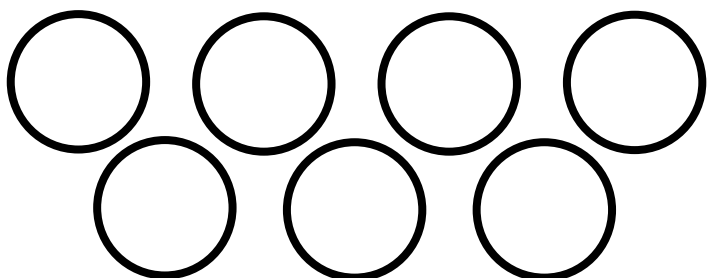
Name _____

groups of dots

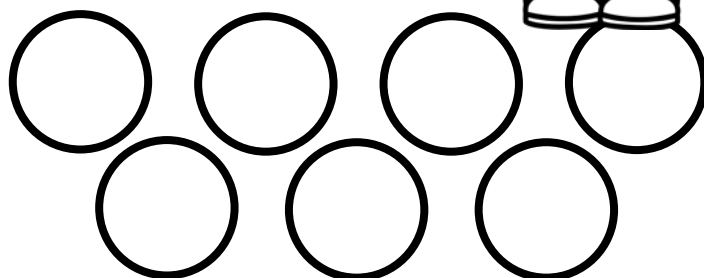


© Playdough to Plato

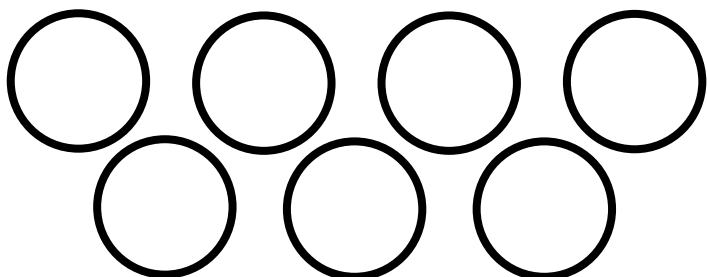
Spill your dots. Bingo dab the picture to match. Then write your number sentence.



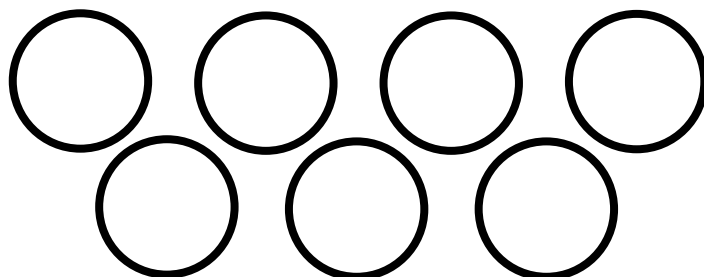
___ and ___ make 7.



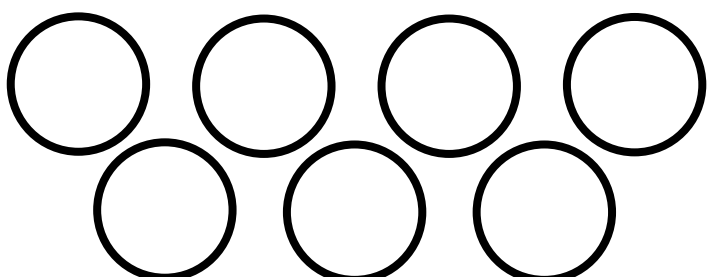
___ and ___ make 7.



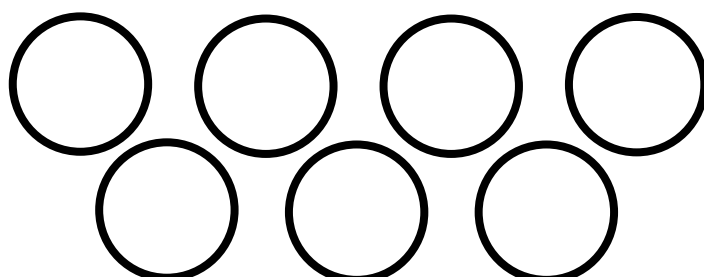
___ and ___ make 7.



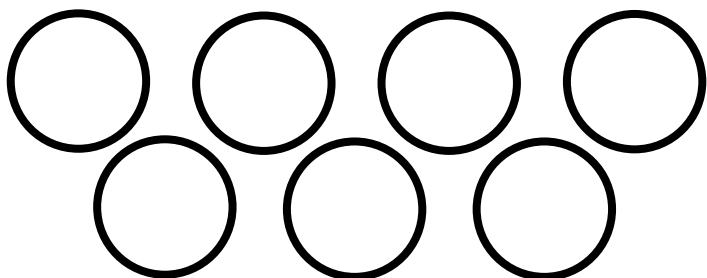
___ and ___ make 7.



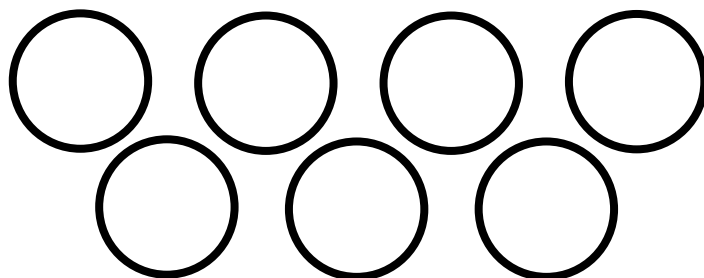
___ and ___ make 7.



___ and ___ make 7.



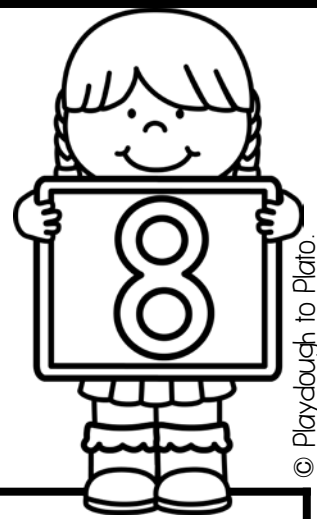
___ and ___ make 7.



___ and ___ make 7.

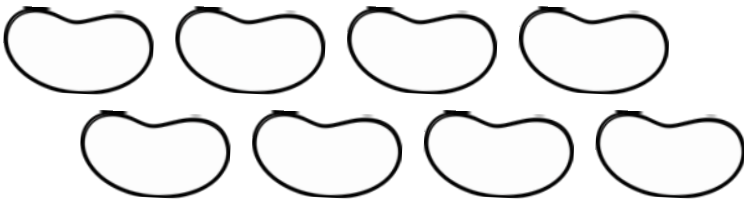
Name _____

spill the beans

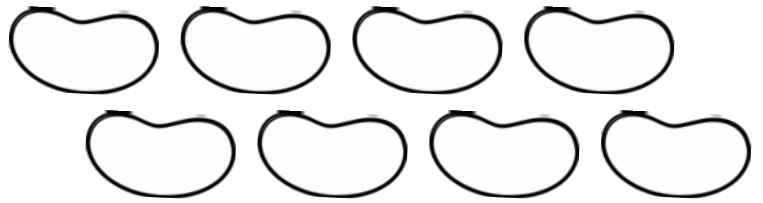


Spill your beans. Color the picture to match. Then write your number sentence.

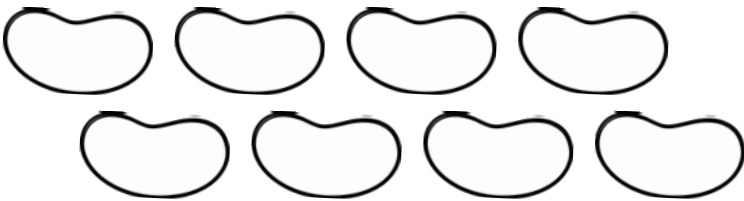
© Playdough to Plato.



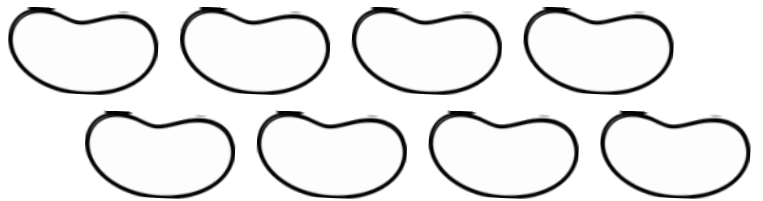
___ and ___ make 8.



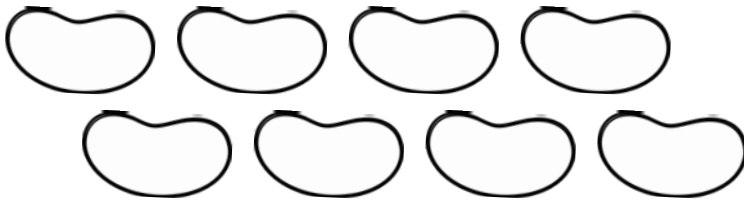
___ and ___ make 8.



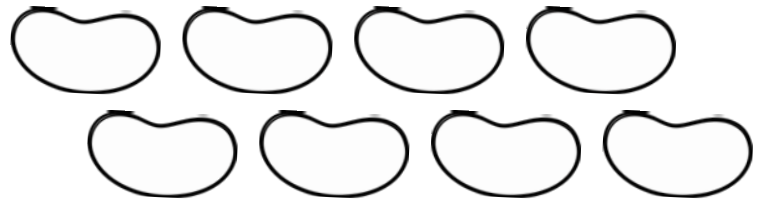
___ and ___ make 8.



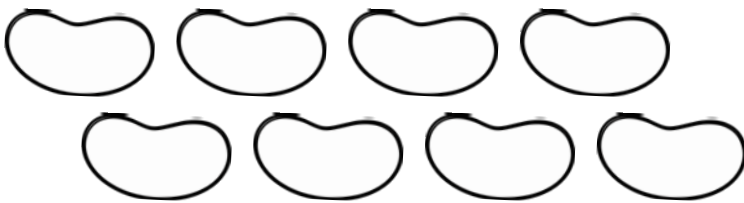
___ and ___ make 8.



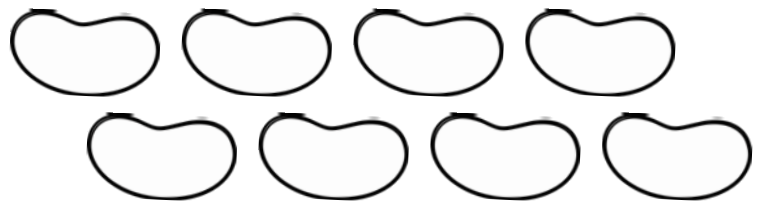
___ and ___ make 8.



___ and ___ make 8.



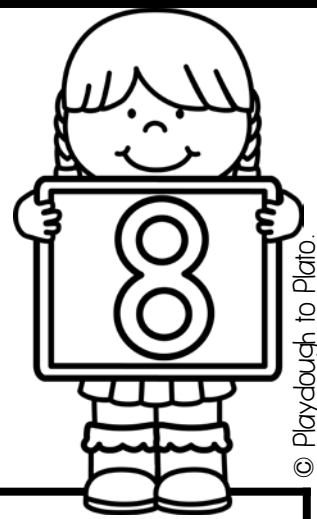
___ and ___ make 8.



___ and ___ make 8.

Name _____

stacks of eight



Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 8.



___ and ___ make 8.



___ and ___ make 8.



___ and ___ make 8.



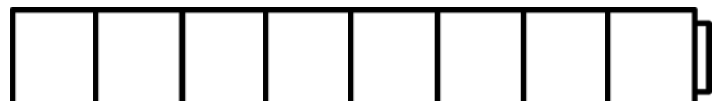
___ and ___ make 8.



___ and ___ make 8.



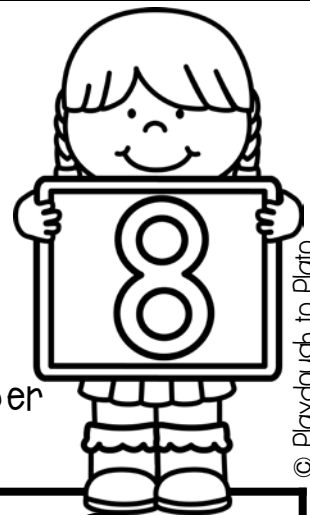
___ and ___ make 8.



___ and ___ make 8.

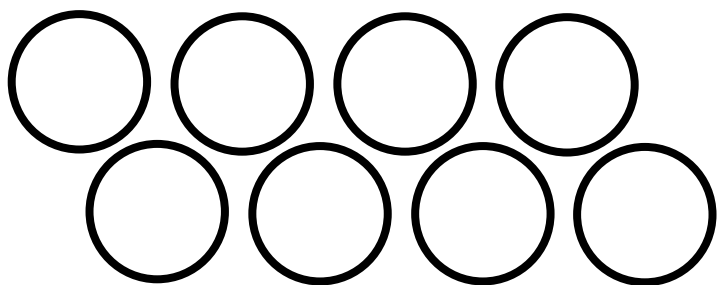
Name _____

groups of dots

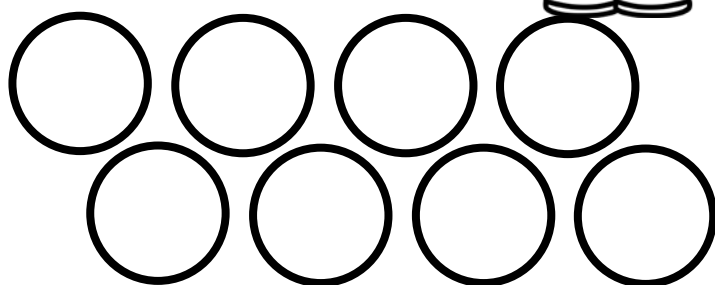


© Playdough to Plato

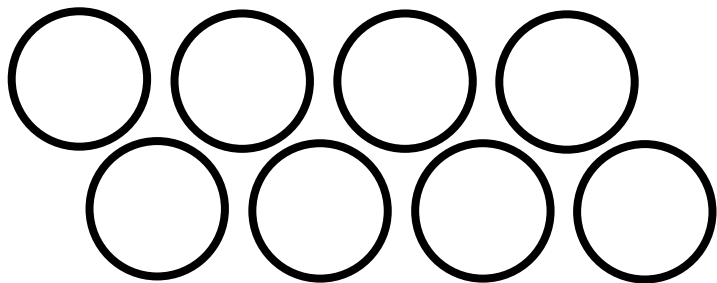
Spill your dots. Bingo dab the picture to match. Then write your number sentence.



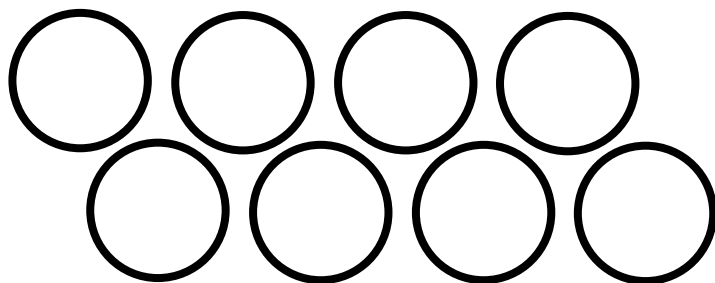
___ and ___ make 8.



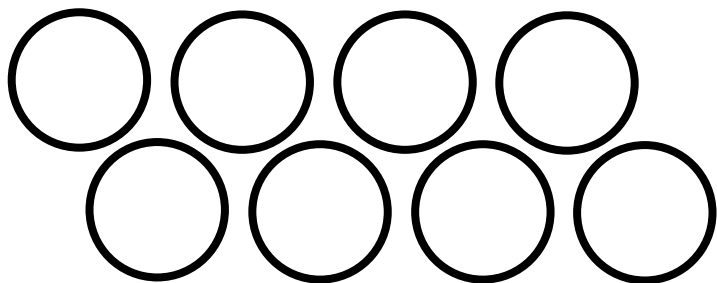
___ and ___ make 8.



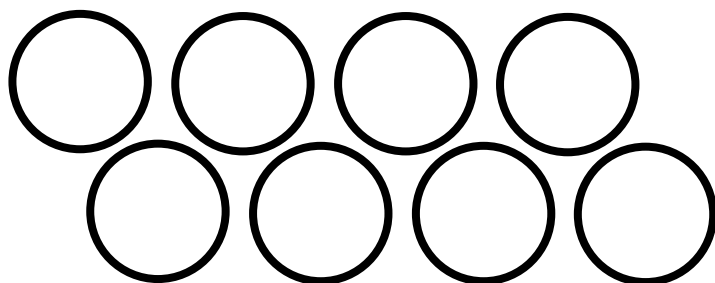
___ and ___ make 8.



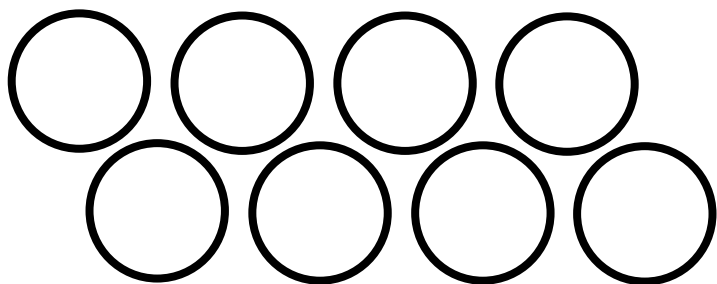
___ and ___ make 8.



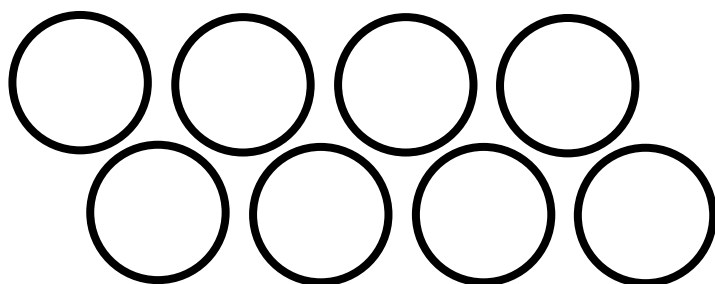
___ and ___ make 8.



___ and ___ make 8.



___ and ___ make 8.



___ and ___ make 8.

Name _____

spill the beans



© Playdough to Plato

Spill your beans. Color the picture to match. Then write your number sentence.



___ and ___ make 9.



___ and ___ make 9.



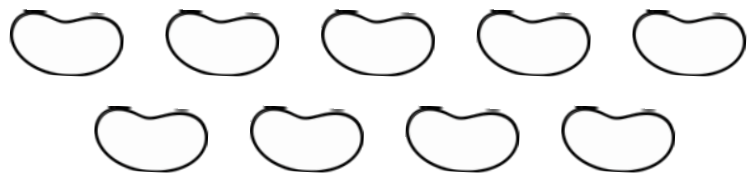
___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.

Name _____

stacks of nine



Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.



___ and ___ make 9.

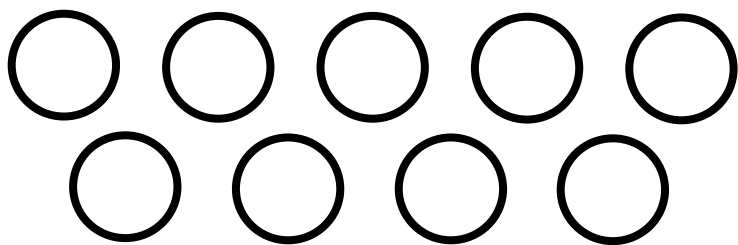
Name _____

groups of dots

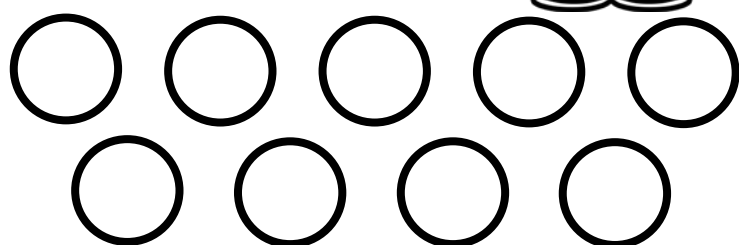


Spill your dots. Color the picture to match. Then write your number sentence.

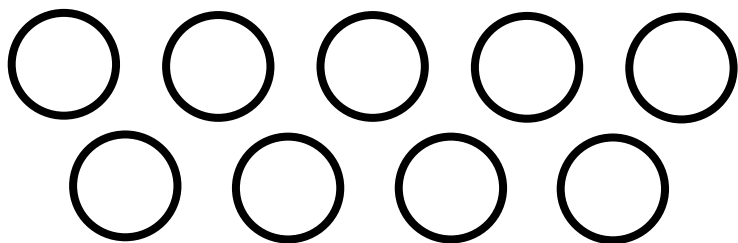
© Playdough to Plato.



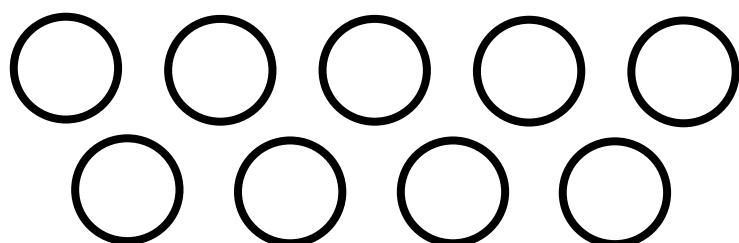
___ and ___ make 9.



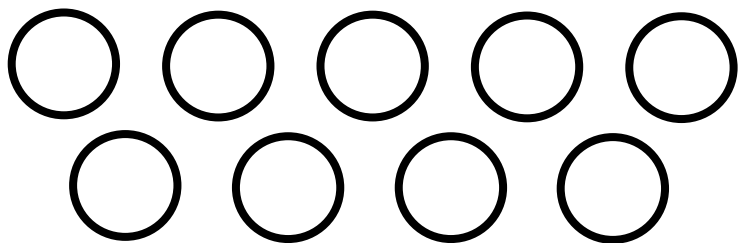
___ and ___ make 9.



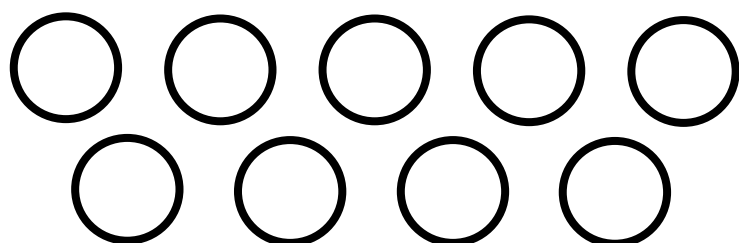
___ and ___ make 9.



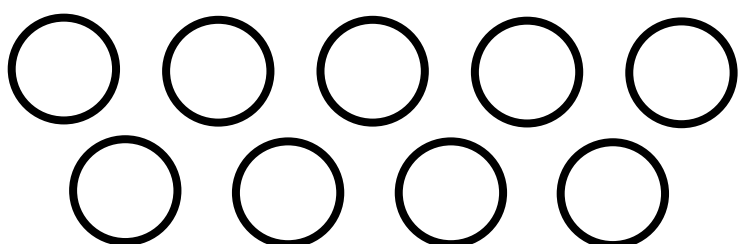
___ and ___ make 9.



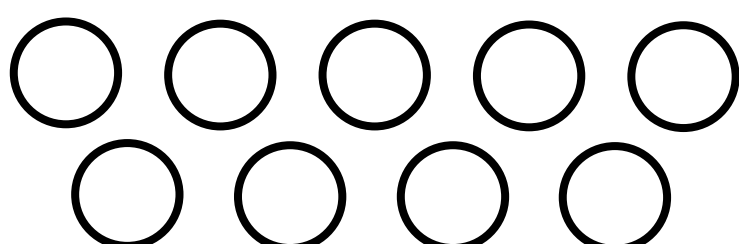
___ and ___ make 9.



___ and ___ make 9.



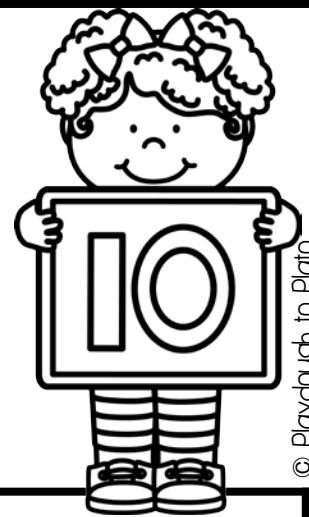
___ and ___ make 9.



___ and ___ make 9.

Name _____

spill the beans



Spill your beans. Color the picture to match. Then write your number sentence.

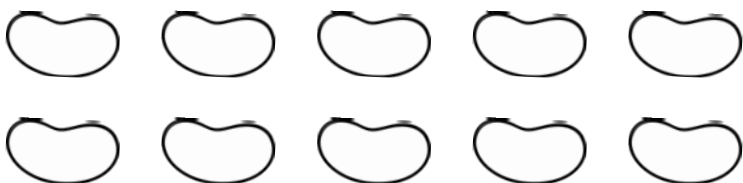
© Playdough to Plato



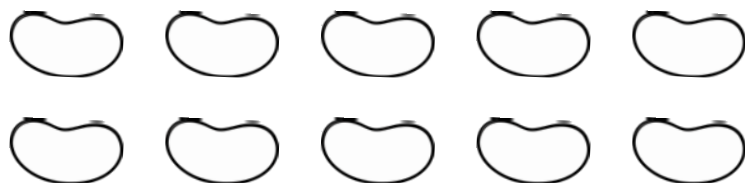
___ and ___ make 10.



___ and ___ make 10.



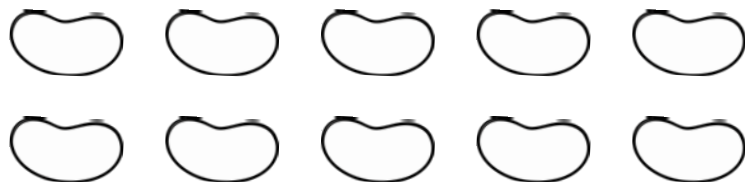
___ and ___ make 10.



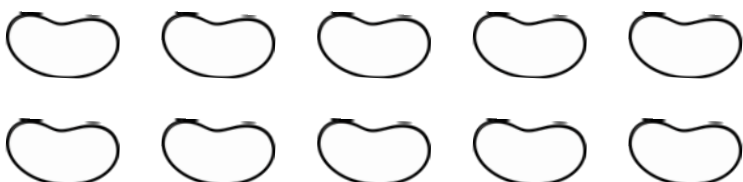
___ and ___ make 10.



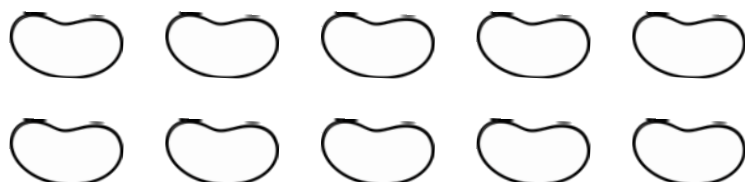
___ and ___ make 10.



___ and ___ make 10.



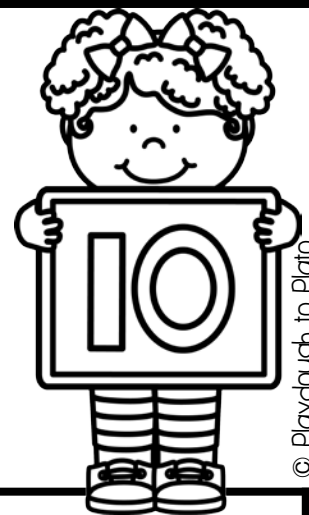
___ and ___ make 10.



___ and ___ make 10.

Name _____

stacks of ten



Make a stack of cubes. Color the picture to match. Then write your number sentence.



___ and ___ make 10.



___ and ___ make 10.



___ and ___ make 10.



___ and ___ make 10.



___ and ___ make 10.



___ and ___ make 10.



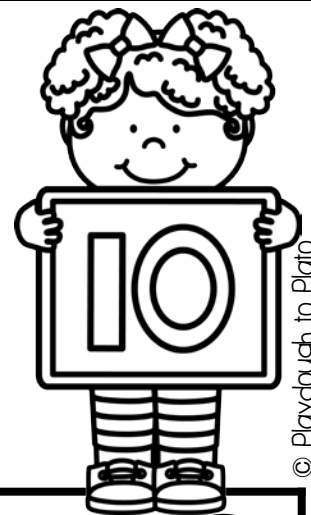
___ and ___ make 10.



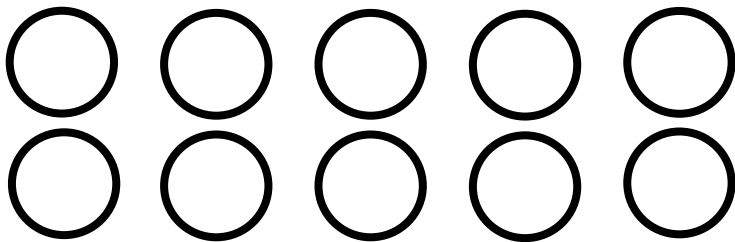
___ and ___ make 10.

Name _____

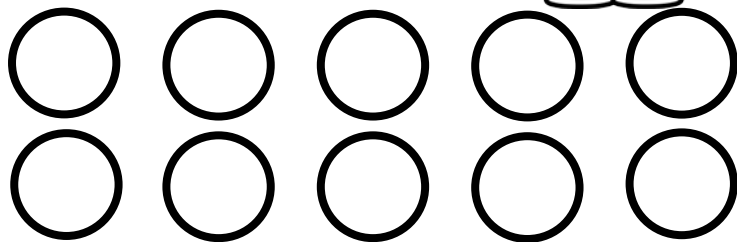
groups of dots



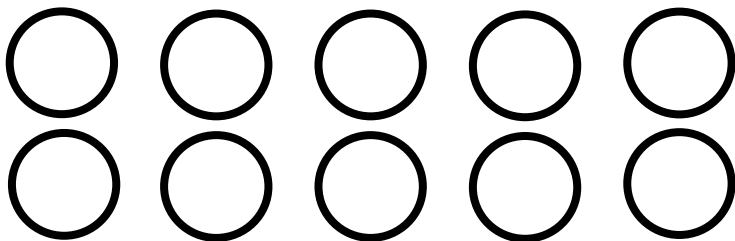
Spill your dots. Color the picture to match. Then write your number sentence.



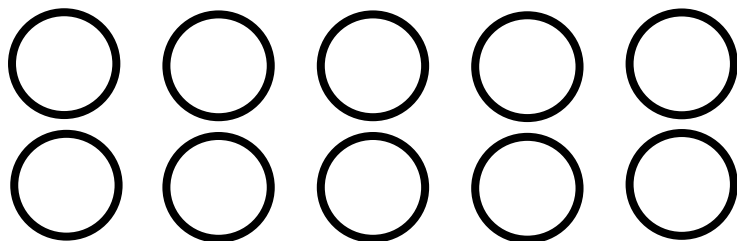
___ and ___ make 10.



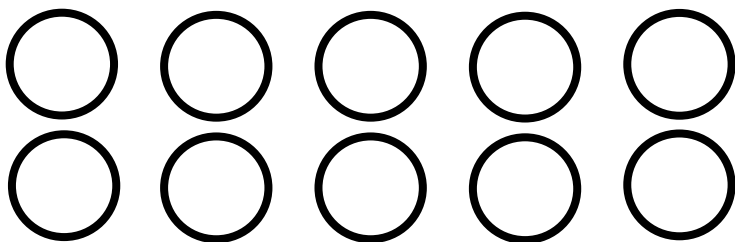
___ and ___ make 10.



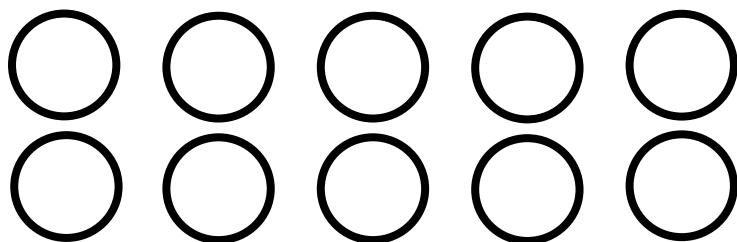
___ and ___ make 10.



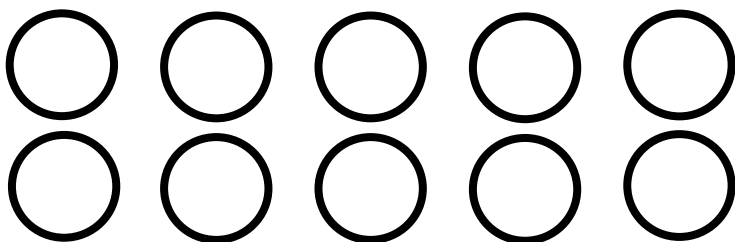
___ and ___ make 10.



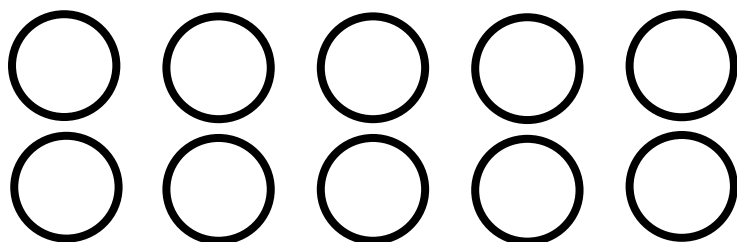
___ and ___ make 10.



___ and ___ make 10.



___ and ___ make 10.



___ and ___ make 10.