1. What comes next?

1, 2, 3, 4, _____, _____, _____

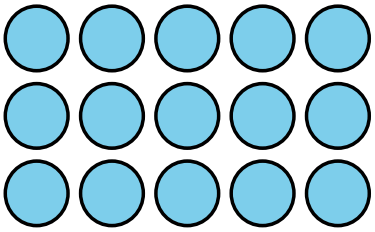
2. Count backward from 10:

10, 9, 8, 7, 6, 5, _____, _____, _____, _____, 0

3. What numbers are missing?

1, 2, _____, 4, 5, _____, 7 _____, 9, _____

4. How many? Can you count them in a different way?



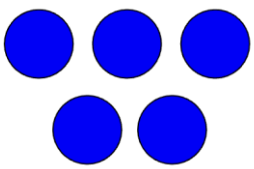
5. Let's count by 5s!

5, _____, _____, _____, _____

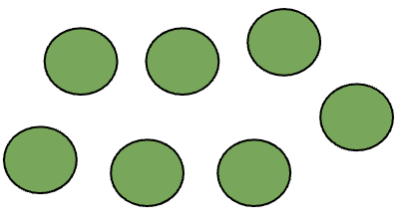
6. Let's count by 2s!

2, 4, ____, ____, 10, 12, ____, ____, ___, 20

7. How many dots do you see? (Try not to count at first). How do you see them?



8. How many dots do you see? (Try not to count at first). How do you see them?



9. Circle the number that is closest to 5:

11, 9, 16, 2

10. Circle the number that is closest to 10:

16, 7, 12, 6

11. In the number pairs, circle which number is the greatest.

a. 3 7

b. 8 5

c. 12 9

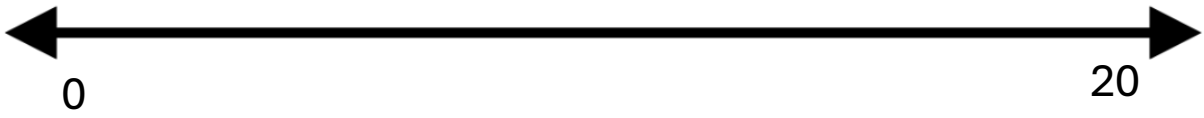
d. 15 19

e. 18 14

12. Order these numbers from least to greatest:
17, 4, 12, 7, 10

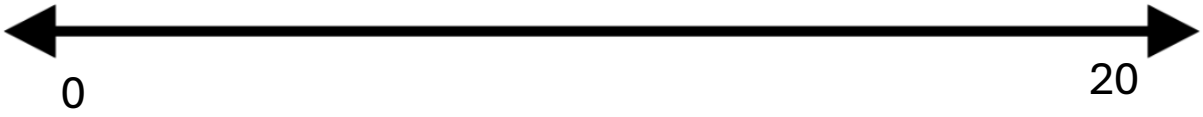
_____, _____, _____, _____, _____

13. Estimate where these numbers go in order on the number line: 10, 14, 5, 19, 8 and record them on the number line.

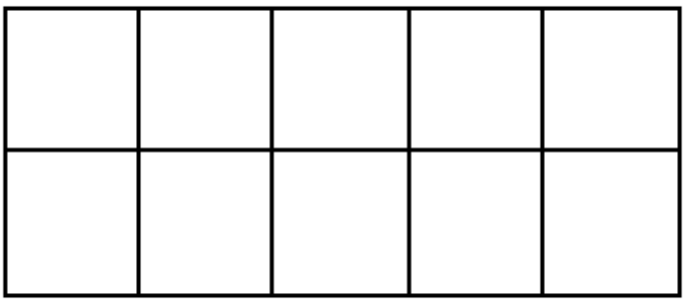


14. What is a number that is more than 8 but less than 12?

15. On a number line, what number comes halfway between 0 and 20?



16. Show one way to make 6 on a ten frame.



17. Make the number 8 using tally marks,

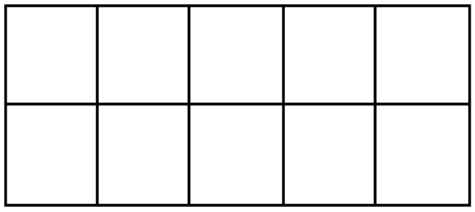
18. Draw a picture that shows 10 of something. Print the word for 10.

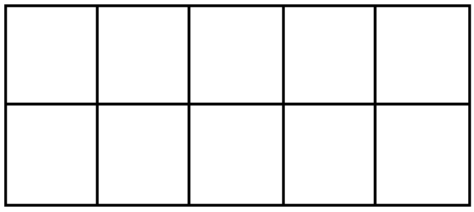
19. Represent the number 13.

DOTS	TALLIES	TEN FRAMES

20. Make the number 17 using tally marks.

21. Show one way to represent 12 on ten frames.





22. How many tens and ones are in 16?

_____ tens _____ ones

23. Represent the number 18.

DOTS	TALLIES	TEN FRAMES

24. Show three ways to decompose 5 into two parts.

5		

5		

5		

25. Use ten frames to show two ways to decompose 7 into parts.

_____ and _____

_____ and _____

26. Show three ways to decompose 10 into two parts.

10	

10	

10	

27. Decompose the numbers into tens and ones.

12 is _____ ten and _____ ones

15 is _____ ten and _____ ones

19 is _____ ten and _____ ones

28. Grab a handful of small blocks, cubes, or counters. What different ways could you count them? Record your counts using pictures and numbers.

29. Count out 20 cubes or counters by ones. What different ways can you organize the cubes or counters to count them?

30. Start at 2. Count by 2s. What patterns do you notice?

31. Find a collection of items in your classroom like a basket of books or a jar of pencils. About how many do you think there are? Count to find out how many. Is there a different way you could count them?

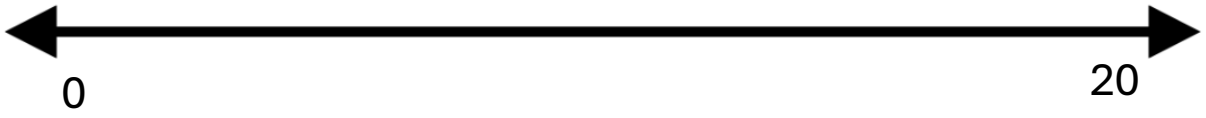
32. Choose three different collections in your classroom to count. What different ways can you count them? Record how you counted using pictures, numbers, and words.

33. Grab a handful of crayons or pencil crayons. Estimate about how many there are. Compare you handful with a classmate. Who do you think has more? Count and check and compare the numbers you each have.

34. Is 12 closer to 10 or 15? How do you know?

35. About how many books do you think you have in your classroom? About how many pencils do you think there are? Are there more books or pencils?

36. Place 8 and 15 on the number line. Explain your reasoning to a partner.

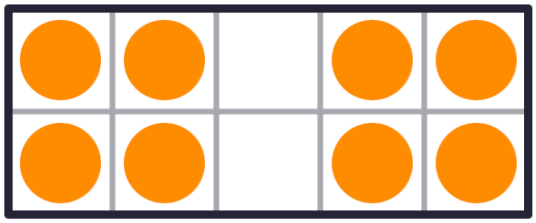


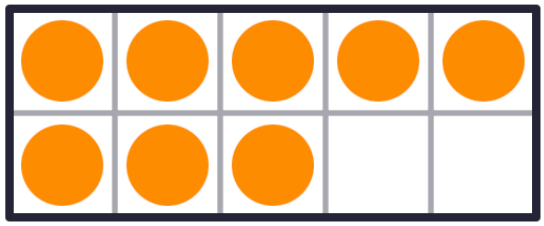
37. When is 10 a lot of something? When is 10 a little of something? Draw a picture and add numbers and words to show your thinking.

38. What different ways can you represent 5? Think about using words, pictures, numbers, tallies, ten frames, etc.

39. What different ways can you decompose 7 into parts? Use materials, pictures, numbers, ten frames, etc.

40. How are these representations of 8 the same? How are they different?





41. What different ways can you represent 10? Think about using words, pictures, numbers, tallies, ten frames, etc.

42. Get a collection of 12 or 15 items. What different ways can you decompose the whole amount into parts? How could you record all the different ways you find using pictures, numbers, and words.

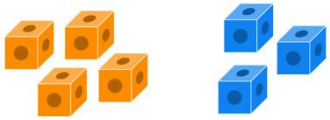
43. What different ways can you represent 16? Think about using words, pictures, numbers, tallies, ten frames, etc.

COASTMETRO
ELEMENTARY MATH PROJECT

GRADE 1 COMPUTATIONAL FLUENCY

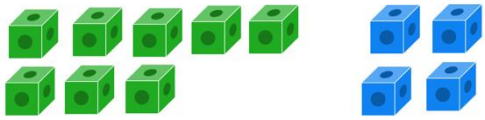
CLOSED QUESTIONS

1. There are 4 orange cubes and 3 blue cubes. When you combine them together, how many cubes are there?



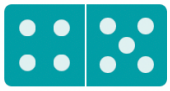
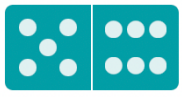
What is the addition equation? _____ + _____ = _____

2. There are 8 green cubes and 4 blue cubes. When you combine them together, how many cubes are there?



What is the addition equation? _____ + _____ = _____

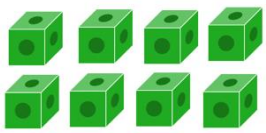
3. Add the dots on the dominoes together. Print the equation that matches the dominoes.

 _____ + _____ = _____	 _____ + _____ = _____
 _____ + _____ = _____	 _____ + _____ = _____

4. Draw a picture or use tally marks to solve the following addition equations.

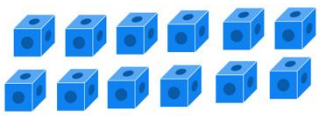
3 + 5 =	8 + 2 =
9 + 5 =	7 + 8 =

5. There are 8 green cubes. If you remove 2 of them, how many green cubes will be left?



What is the subtraction equation? _____ - _____ = _____

6. There are 12 blue cubes. If you remove 3 cubes, how many cubes will be left?

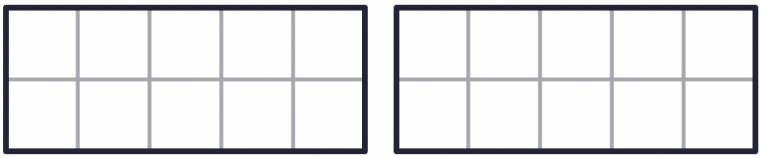


What is the subtraction equation? _____ - _____ = _____

7. Draw pictures to solve the following subtraction equations.

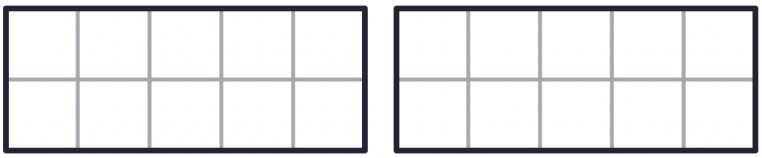
4 - 2 =	10 - 5 =
8 - 3 =	15 - 7 =

8. How do ten frames help you think about adding?



Solve: 7 + 6 = ____

9. How do ten frames help you think about adding?

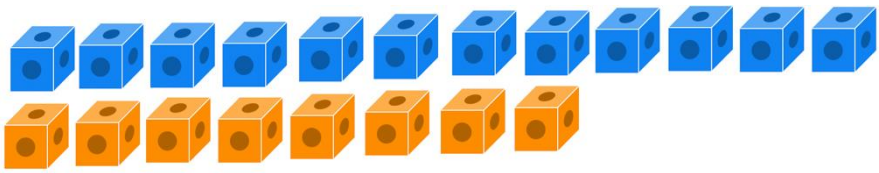


Solve: 12 – 4 = ____

10. Use the dice to help you practice counting on:

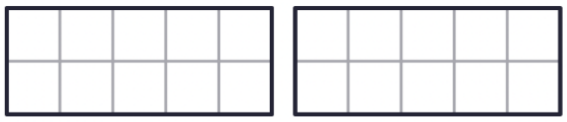
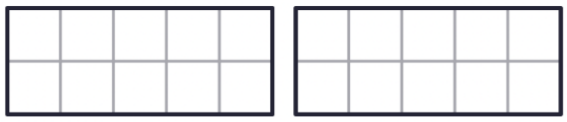
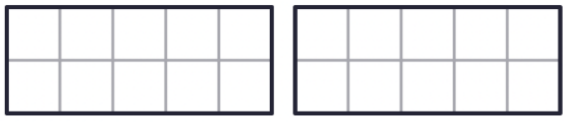
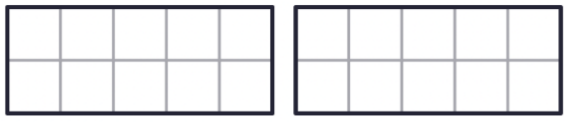
3 +  3 + 3 = _____	5 +  5 + 4 = _____
4 +  4 +2 = _____	6 +  6 +5 = _____

11. Subtract by comparing to find the difference. Show your thinking.

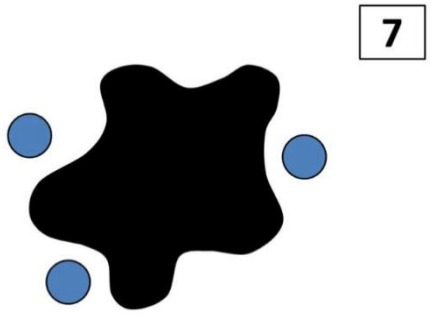


How many more blue cubes than orange cubes are there? 12 - 8 = _____

12. Use a ten frame to make 10 to add over 10. Use dots, numbers and symbols to show how you solved the questions.

9 + 3 = _____ 	7 + 8 + _____ 
8 + 6 = _____ 	9 + 8 = _____ 

13. There are 7 blue dots. We can see 3. Some are hiding under the splat. How many dots are under the splat?



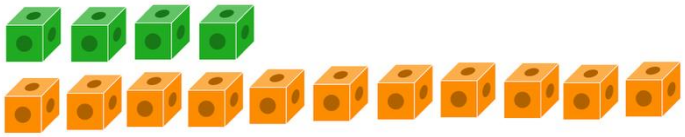
_____ dots under the splat

What math equation matches this splat? _____

14. There are 9 birds in a tree and 6 fly away. How many birds are still in the tree? Use pictures, numbers, and words to show how you solve the problem.

What equation could you write to match the problem?_____

15. Subtract by comparing to find the difference. Show your thinking.

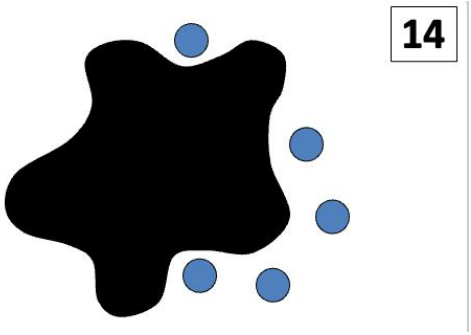


How many more orange cubes than green cubes are there? 11 - 4 = _____

16. Draw pictures or use tally marks to show how you solved the following addition equations.

3 + ____ = 7	_____ + 3 = 11
9 + _____ = 16	_____ + 7 = 14

17. There are 14 blue dots. We can see 5. Some are hiding under the splat. How many dots are under the splat?



_____ dots under the splat

What math equation matches this splat? _____

18. Draw pictures to show how you solved the following subtraction equations.

____ - 5 = 10	8 - ____ = 7
19 - ____ = 9	_____ + 8 = 16

19. There are 6 ladybugs on a leaf and 5 more flew down and joined them. How many ladybugs are on the leaf now?

Use pictures, numbers, and words to show how you solve the problem.

What equation could you write to match the problem? _____

20. What different ways can you solve 5 + 4?

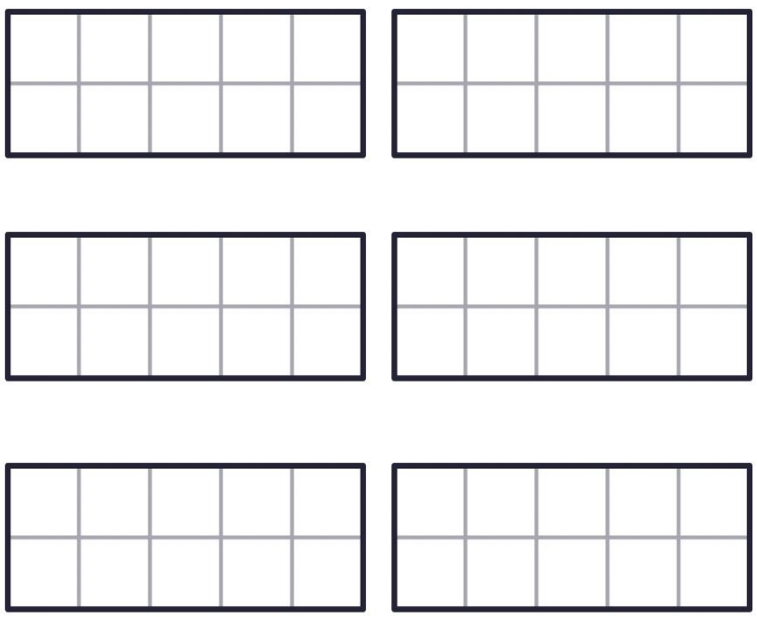
21. The answer is 8. What could the addition or subtraction question be? Record as many questions that you can think of!

22. What three numbers could you add together that make a total of 10. Show as many different ways as you can think of.

23. Show or explain how you could use a making 10 strategy to add 7 + 4?

24. What different ways can you solve 9 - 4?

25. What different ways could you use ten frames to help you solve 8 + 6? Show three different ways and use words and equations to explain what you did.



26. The answer is 15. What could the addition or subtraction question be? Record as many questions that you can think of!

27. What different ways can you solve 9 + 6?

28. What three numbers could you add together that make a total of 16. Show as many different ways as you can think of.

29. What is a story you can tell to match the equation 8 + 4 =12?
Use pictures, numbers, and words to share your story.