

# Problem of the Day

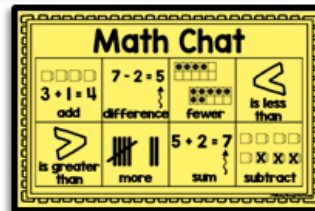
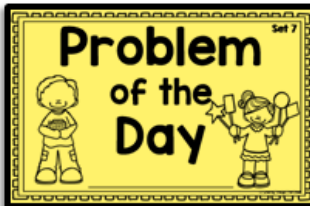
Kick off class math time with Problem of the Day! Get those math minds moving and focused by working through a math problem each day. Each problem targets a key math concept and standard while using core vocabulary in context. Problems can be worked through whole group, small group, in partners or independently depending upon the learning levels within your own classroom. Students may use manipulatives or other classroom resources you have (not included) to work through problems at their own pace. You can copy as many days as you'd like to use (up to 20 days included) from the set. If you'd like to mix and match the problems and order of them to better meet your class needs, please utilize the file named, "No Days". More sets are available in our TpT Shop.

We copy the cover page (on page 5) onto colored construction paper and the inside problem pages onto white copy paper (pages 6-25 – two per page, so copy half of what you need for your entire class. For example, we have 24 students, so make 12 copies of the problem pages and then cut the set in half on the paper cutter to make 2 booklets.). Staple the front and back covers to the problem pages.

Problem of the Day gives your class a quick (5-10 minutes daily), focused opportunity to work through a problem that meets today's Common Core standards, challenges them to think deeply, and reinforces essential math vocabulary each and every day. Use the "Math Chat" on the back of the booklet to focus students' attention on key math vocabulary with picture support. Refer to it often as your students master their Problem of the Day!

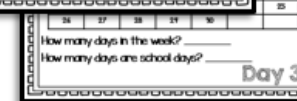
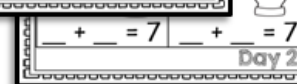
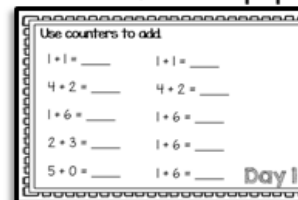
## Step 2

Copy the inside pages and cut in half. Each page includes 2 copies, so copy half the number of booklets you need and save paper!



## Step 1

Copy the front and back covers onto colored copy, construction, or cardstock paper.



## Step 3

Staple front cover, inside pages, and back cover together along the left side to create a Problem of the Day Booklet for each student.



# Problem of the Day

SET 7

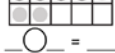
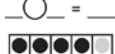


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Four numbers on the calendar more tens than ones.

Monday	Tuesday	Wednesday	Thursday
1	2	3	
7	8	9	10
14	15	16	17
21	22	23	24
28	29	30	31

Write a number sentence to show the number of tens and ones.



Write the number that tells how many days are in the month. Draw a quick picture to show how to model that number with base-ten blocks.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

Days in the Month = \_\_\_\_\_

Pick a date from the calendar. Write a subtraction sentence. Find the difference. Then write a number sentence to show the difference.

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
6	7	8				
13	14	15				
20	21	22				
27	28	29				

Circle the number sentences that are true.

$17 - 8 = 9$       $9 < 10$   
 $5 + 4 = 9$       $8 < 10$   
 $14 - 5 = 9$       $10 > 9$

Circle the math sentences that are true. Cross out the math sentences that are false.

$17 > 8$       $9 < 10$   
 $5 < 4$       $11 = 10$   
 $14 > 5$       $32 > 30$

Circle all the numbers that are less than 85.

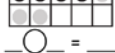
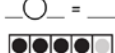
- 8     16     45     67  
 92     34     90  
 58     81     105

Day 7

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Circle all the numbers that are less than 85.

- 8     16     45     67  
 92     34     90  
 58     81     105

Day 7

**Math Chat**

5 + 2 = 7  
 7 - 2 = 5

is less than

is more than

Circle the symbol that makes the math sentence true.

$4 > 5$       $15 < 6$   
 $36 < 16$       $13 > 67$

Write each number in the box to show less than or greater than 46.

47	44	41	45	42	49	48	40	4
----	----	----	----	----	----	----	----	---

Less than 46     Greater than 46

Complete the chart:

10 Less	Number
	43
	67
	22

There are 8 cupcakes. Some more cupcakes get 17 in all. How many cupcakes?

8

8 cupcakes

Model each number by drawing base ten blocks.

13     15

78     54

Fill in the missing numbers.

21	22	24	25	29
31	32	33	34	35
4	43	45		
51	52	53	54	56
61	62	63	65	66
71	72	73	74	77
81	82	84	85	89
91	92	93	95	

Write related Facts For the numbers.

7     15

8

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
 \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

Day 14

**Problem of the Day**

3 + 1 = 4  
 7 - 2 = 5

add     difference

is less than     is more than

Circle the symbol that makes the sentence true.

$4 > 5$       $15 < 6$   
 $36 > 16$       $13 > 67$

Write each number in the box to show less than or greater than 46.

47	44	41	45	42	49	48	40	4
----	----	----	----	----	----	----	----	---

Less than 46     Greater than 46

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Write related Facts For the numbers.

7     15

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\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
 \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_  
 \_\_\_\_\_ - \_\_\_\_\_ = \_\_\_\_\_

Day 14

**Math Chat**

3 + 1 = 4  
 7 - 2 = 5

add     difference

is less than     is more than

Color the balloons that show numbers greater than 55.

65     45     95     5     7

Mike makes the number 48. Mary makes a number that is less than 48. What are some numbers Mary could make?

Model

Color the greater number.

56     42     89

13     25     45

44     67     21

Caleb has the number cards shown below. He gives away cards with numbers less than 57 and greater than 63. Which number cards does Caleb have now?

47     64     58     42

Caleb has number cards \_\_\_\_\_

Ava has the number cards shown below. She gives away cards with numbers less than 32 and greater than 38. Which number cards does Ava have now?

37     44     39     31     35     48     20

Ava has number cards \_\_\_\_\_

Day 20

**Math Chat**

3 + 1 = 4  
 7 - 2 = 5

add     difference

is less than     is more than

Color the balloons that show numbers greater than 55.

65     45     95     5     7

Mike makes the number 48. Mary makes a number that is less than 48. What are some numbers Mary could make?

Model

Color the greater number.

56     42     89

13     25     45

44     67     21     34

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47     64     58     42

Caleb has number cards \_\_\_\_\_

Ava has the number cards shown below. She gives away cards with numbers less than 32 and greater than 38. Which number cards does Ava have now?

37     44     39     31     35     48     20

Ava has number cards \_\_\_\_\_

Day 20



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No Days Option Also Included