

# Problem of the Day

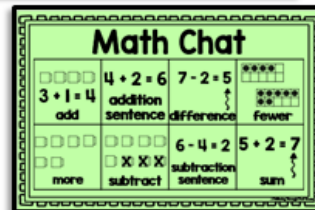
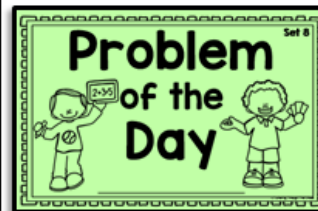
Kick off class math time with Problem of the Day! Get those math minds moving and focused by working through a math problem each day. Each problem targets a key math concept and standard while using core vocabulary in context. Problems can be worked through whole group, small group, in partners or independently 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!

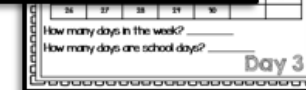
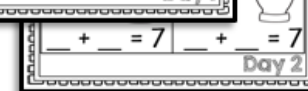
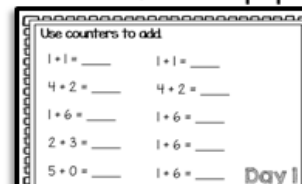
## Step 2

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.



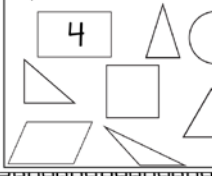
# Problem of the Day

SET 12

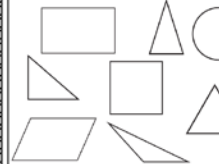


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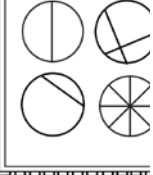
Write the number of sides each shape.



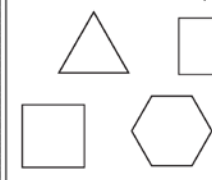
Color the shapes that have 3 sides. Color the other shapes green.



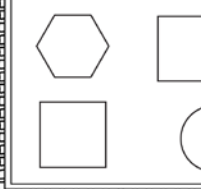
Color the shapes that show equal parts green. Color the shapes that show unequal parts red.



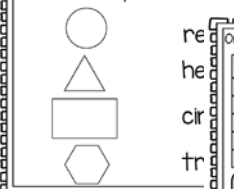
Draw lines to divide each shape.



Draw lines to show fourths.



Match the shape to its name.

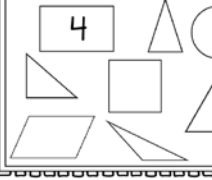


One week has 7 days. How many days are in 3 weeks?

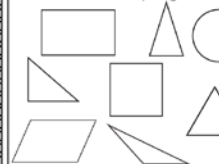
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

Day 7

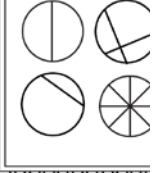
Write the number of sides each shape.



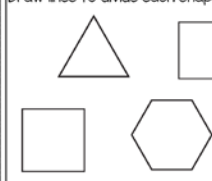
Color the shapes that have 3 sides. Color the other shapes green.



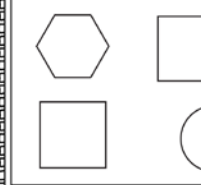
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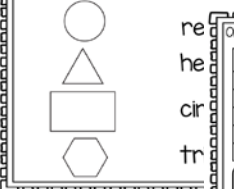
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One week has 7 days. How many days are in 3 weeks?

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Day 7

### Math Chat

Use the shapes to show halves, quarters, and fourths of a circle, square, and rectangle.

### Problem of the Day

### Math Chat

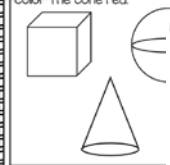
Use the shapes to show halves, fourths, and equal parts of a circle, square, and rectangle.

### Math Chat

Use the shapes to show halves, fourths, and equal parts of a circle, square, and rectangle.



Color the sphere blue. Color the cube orange. Color the cylinder green. Color the rectangular prism purple. Color the cone red.

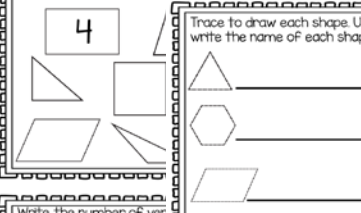


## NUMBER RIDDLE

Start at 0. Count by tens 3 times. Then count by ones 4 times. Who am I?

Start at 0. Count by tens 5 times. Then count by ones 4 times. Who am I?

Write the number of vertices each shape has inside the shape.



Trace to draw each shape. Use the number to write the name of each shape.

Write the number that is ten more than the number.

Ten Less	Number
	67
	43
	90
	13
	40
	32
	94

How many sides and vertices does each shape have?

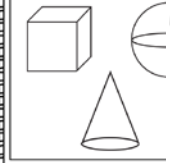
Sides	Shape

Draw the shape that matches each clue.

I have fewer than 5 sides. I have 3 vertices. What shape could I be?	I have more than 11 sides. I have 6 vertices. What shape could I be?
I have 4 sides and 4 corners. What shape could I be?	I have 0 sides and 0 vertices. What shape could I be?

Day 14

Color the sphere blue. Color the cylinder green. Color the cone red.

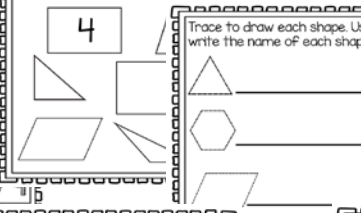


## NUMBER RIDDLE

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How many sides and vertices does each shape have?

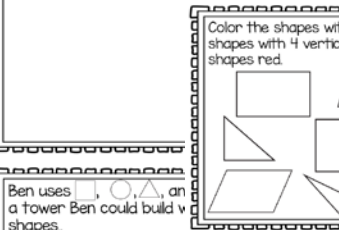
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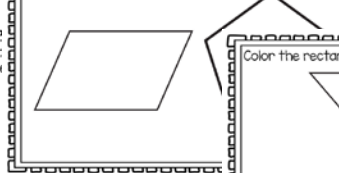
I have fewer than 5 sides. I have 3 vertices. What shape could I be?	I have more than 11 sides. I have 6 vertices. What shape could I be?
I have 4 sides and 4 corners. What shape could I be?	I have 0 sides and 0 vertices. What shape could I be?

Day 14

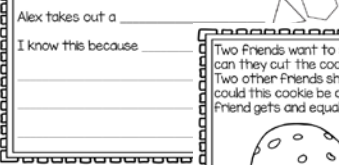
Ben uses to draw a tower Ben could build with all of these shapes.



Use other shapes to fill each outline. Draw to show your work.



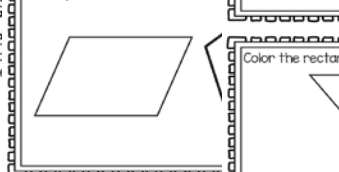
Alex has a bag of triangles and hexagons. She takes out a shape that has 6 sides and 6 vertices. Did Alex take out a triangle or a hexagon?



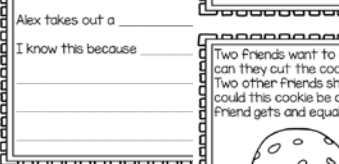
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Alex has a bag of triangles and hexagons. She takes out a shape that has 6 sides and 6 vertices. Did Alex take out a triangle or a hexagon?



I know this because \_\_\_\_\_

Two friends want to share the cookie on the left. How can they cut the cookie so each gets an equal share? Two other friends share the cookie on the right. How could this cookie be cut in a different way so each friend gets an equal share?

Day 20

I know this because \_\_\_\_\_

Two friends want to share the cookie on the left. How can they cut the cookie so each gets an equal share? Two other friends share the cookie on the right. How could this cookie be cut in a different way so each friend gets an equal share?

Day 20

### Problem of the Day

NO DAYS

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No Days Option Also Included