

Problem of the Day May

Day 1

What is 21 divided by 7? How do you know? _____

Day 2

Explain how to solve 5×9 two different ways. _____

Day 3

What is the difference between a pentagon and a trapezoid?

Day 4

Draw the fraction $\frac{1}{2}$. What might this represent?

Day 5

You bought 9 bags of sunglasses. Each bag has 3 pairs of sunglasses. How many sunglasses did you buy altogether? List two ways to solve this problem, then solve.

Problem of the Day May

Day 1

Write an example of how a person might use addition in the real world.

Day 2

How many groups of 7 do you need to make 14? _____

Day 3

On Monday, Robert spent 50 minutes studying for a science test. On Tuesday, he spent 26 minutes studying. On Wednesday, he spent 12 minutes. How many minutes did Robert spend altogether? _____

Day 4

Find and continue the pattern:

Input	0	1	2	3	4	5
Output	$\frac{1}{2}$	1	$1\frac{1}{2}$	_____	_____	_____

Day 5

Lunch at Erin's school begins at 11:55 a.m. and ends at 12:16 p.m. How many minutes is lunch? _____

Problem of the Day May

Day 1

When Eric looked at the clock at the end of lunch, the hour hand was a little after the 1, and the minute hand was on the 4. What time does lunch end?

Day 2

Your class goal is to recycle 887 cans and bottles. So far, your class has collected 349. How many more bottles and cans does your class need to collect? _____

Day 3

Fill in the missing number: $100 - \underline{\hspace{2cm}} = 58$

Day 4

Compare using $<$, $>$, or $=$. $15 \div 5$ _____ $10 - 7$

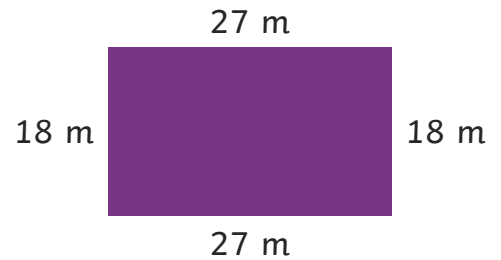
Day 5

Continue this counting by 13s pattern: 13, 26, 39, _____, _____,
_____, _____, _____.

Problem of the Day May

Day 1

What is the distance around this field (also known as perimeter)? _____

**Day 2**

Circle the number divisible by 4: 28, 42, 54, 81, 406.

Day 3

A shoe shop has 78 shoes. How many pairs of shoes are there?

Day 4

Owen can fit four cookies in each bag. He has 18 cookies in all. How many bags will he need to make sure all of the cookies are in a bag? _____

Day 5

You have finished 17 problems on your math test. The test has 56 problems in all. How many more problems do you need to complete? _____

Problem of the Day May Answer Key

Week 1

Day 1: **If I circle seven groups in twenty-one, there are three in each group.**

Day 2: **I can draw five groups of nine, or I can use my multiplication fact, $5 \times 9 = 45$.**

Day 3: **A pentagon has five sides, and a trapezoid has four sides.**

Day 4: **Answers may vary; a possible answer is: It may represent the amount of a donut that you would have each morning for two mornings.**

Day 5: **I can draw 9 bags with 3 sunglasses in each and count them, or I can multiply $9 \times 3 = 27$.**

Week 2

Day 1: **Answers will vary; a possible answer is: That a person might use addition to add up the total cost of items purchased at the store.**

Day 2: **2**

Day 3: **88 minutes**

Day 4: **2, $2\frac{1}{2}$, 3**

Day 5: **21 minutes**

Week 3

Day 1: **1:20 p.m.**

Day 2: **538 bottles and cans**

Day 3: **42**

Day 4: **=**

Day 5: **13, 26, 39, 52, 65, 78, 91, 104**

Week 4

Day 1: **90 m**

Day 2: **28**

Day 3: **39 pairs**

Day 4: **5 bags**

Day 5: **39 problems**