

Problem of the Day January

Day 1

What is 20 divided by 4? How do you know? _____

Day 2

Explain how to solve 7×5 two different ways. _____

Day 3

What is the difference between a trapezoid and a rectangle?

Day 4

An apple pie has 6 pieces, and you eat 4 of them, what fraction of the pie is left?

What fraction of the pie did you eat? (Hint: Drawing a picture may help.)

Day 5

You bought 11 boxes of tea bags. Each box has 3 bags. How many bags are there altogether? List two ways to solve this problem, then solve.

Problem of the Day January

Day 1

How are multiplication and addition the same?

Day 2

How many groups of 3 do you need to make 21? _____

Day 3

On Friday, Ann spent 45 minutes reading. On Saturday, she spent 75 minutes reading. On Sunday, she read for 105 minutes. How many minutes did she read altogether? _____

Day 4

Find and continue the pattern:

Number of Bags	0	1	2	3	4	5
Total Number of Almonds	0	7	14	_____	_____	_____

Day 5

Recess at Erica's school begins at 9:42 a.m. and ends at 10:00 a.m. How many minutes is recess? _____

Problem of the Day January

Day 1

When George looked at the clock at the end of school, the hour hand was a little after the 3, and the minute hand on the 5. What time does school end?

Day 2

The local library has 676 fiction books and 228 nonfiction books. How many more fiction books are there? _____

Day 3

Fill in the missing number: $5.5 - \underline{\hspace{2cm}} = 3$

Day 4

Compare using $<$, $>$, or $=$. $10.01 \underline{\hspace{2cm}} 9.85$

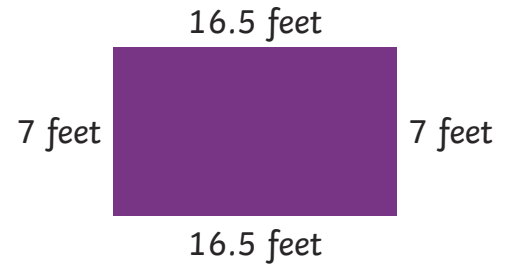
Day 5

Continue this counting by 8s pattern: 9, 18, 27, _____, _____,
_____, _____, _____.

Problem of the Day January

Day 1

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



Day 2

Circle the number divisible by 5: 51, 70, 64, 502, 154.

Day 3

A mitten shop has 62 mittens. How many people can buy mittens?

Day 4

Lynn can fit 8 math problems per page in her notebook. She has 32 math problems for homework. How many pages will she need to finish her homework? _____

Day 5

Jacob has finished 52 problems on his test. The test has 101 problems. How many more problems does he need to finish? _____

Problem of the Day January Answer Key

Week 1

Day 1: **If I circle four groups in the twenty, there are five in each.**

Day 2: **I can draw seven groups of five, or I can use my multiplication fact, $7 \times 5 = 35$.**

Day 3: **A rectangle has two pairs of equal sides; a trapezoid has one or zero pairs of equal sides.**

Day 4: **$\frac{2}{6}$ or $\frac{1}{3}$; $\frac{4}{6}$ or $\frac{2}{3}$**

Day 5: **I can draw 11 boxes with 3 tea bags in each and count them, or I can multiply $11 \times 3 = 33$.**

Week 2

Day 1: **They are both used to make increase the amount.**

Day 2: **7**

Day 3: **225 minutes**

Day 4: **21, 28, 35**

Day 5: **18 minutes**

Week 3

Day 1: **3:25 p.m.**

Day 2: **448 books**

Day 3: **2.5**

Day 4: **>**

Day 5: **36, 45, 54, 63, 72**

Week 4

Day 1: **47 feet**

Day 2: **70**

Day 3: **31 people**

Day 4: **4 pages**

Day 5: **49 more problems**