

Problem of the Day February

Day 1

What is $2\frac{8}{10}$ written as a decimal? _____

Day 2

What type of angle has 39 degrees? _____

Day 3

How would you solve $\frac{2}{3} + \frac{4}{7}$? What is the answer?

Day 4

Circle the prime number: 54, 33, 17, 18, 21, 48

Day 5

Elena can read 65 words per minute. How many words can she read in 25 minutes?

Problem of the Day February

Day 1

Rename $\frac{67}{8}$ as a mixed number.

Day 2

Deborah spent $1\frac{1}{2}$ hours hiking each day for five days to train for a backpacking trip. How much time did she hike in total? _____

Day 3

Compare these two numbers using $<$, $>$, or $=$. $\frac{1}{3}$ _____ $\frac{3}{9}$

Day 4

Find and continue the pattern: $\frac{1}{2}$, 1, $1\frac{1}{2}$,

_____, _____, _____, _____,

Day 5

To determine how much fencing you need for your yard, do you need to know the area or perimeter? Why?

Problem of the Day February

Day 1

What strategy will you use to solve 48×107 ? Solve.

Day 2

Describe and draw a rectangle.

Make sure to use the word "angle" in your description..

Day 3

Order from least to greatest: $\frac{1}{4}$, $\frac{6}{8}$, $\frac{1}{2}$

Day 4

Decompose $6\frac{4}{7}$ in two ways.

Day 5

Neil finished $\frac{1}{4}$ of his homework before dinner and $\frac{2}{4}$ of his homework after dinner. How much did he complete? How much is left for him to complete?

Problem of the Day February

Day 1

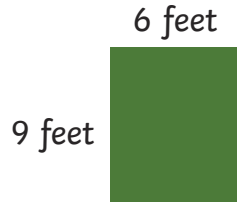
Draw a picture to represent $4 \times \frac{2}{3}$. Solve.

Day 2

Compare with $<$, $>$, or $=$. 3.1 _____ 3.01

Day 3

What is the perimeter of this rectangle?



Day 4

What is the area of this rectangle?



Day 5

What is a line? Draw one.

Problem of the Day February Answer Key

Week 1

Day 1: **2.8**

Day 2: **acute angle**

Day 3: **Change the denominators into a common denominator, 21, and write equivalent fractions with the new denominator. Then, add the numerators and keep the denominator. $\frac{26}{21}$ or $1\frac{5}{21}$**

Day 4: **17**

Day 5: **1,625 words**

Week 2

Day 1: **$8\frac{3}{8}$**

Day 2: **$7\frac{1}{2}$ hours**

Day 3: **$\frac{1}{3}$ _____ = _____ $\frac{3}{9}$**

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

Day 5: **You would need to know the perimeter because you are finding the distance around the yard.**

Week 3

Day 1: **Answers may vary. A possible answer is: Multiply 40 by 107, then 8 by 107, then add the products. 5,136**

Day 2: **Answers may vary. A possible answer is: A rectangle is a quadrilateral with four right angles.**

Day 3: **$\frac{1}{4}$, $\frac{1}{2}$, $\frac{6}{8}$**

Day 4: **Answers may vary. Two possible answers are: $6 + \frac{4}{7}$; $\frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{4}{7}$**

Day 5: **$\frac{3}{4}$; $\frac{1}{4}$**

Week 4

Day 1: **The picture should represent 4 groups of $\frac{2}{3}$, $2\frac{2}{3}$**

Day 2: **3.1 _____ > _____ 3.01**

Day 3: **30 feet**

Day 4: **68 square feet**

Day 5: **A line is a series of points connected. It goes on forever in both directions.**