#### Week 1

## Problem of the Day January

Day 1	What is 3 $\frac{9}{10}$ written as a decimal?	
Day 2	What type of angle has 27 degrees?	
Day 3	How would you solve $\frac{1}{4} + \frac{2}{5}$ ? What is the answer?	
Day 4	Circle the prime number: 28, 16, 12, 7, 27, 30	
Day 5	Janet can read 84 words per minute. How many words can she read in 18 minutes?	



### Week 2

1

## Problem of the Day January

Day 1	Rename <sup>56</sup> / <sub>9</sub> as a mixed number.	
Day 2	Claire spent $1\frac{1}{6}$ hours running each day for five days to train for a marathon. How much time did he run altogether?	
Day 3	Compare with <, >, or =. $\frac{1}{5}$ $\frac{2}{9}$	
Day 4	Find and continue the pattern: 81, 76, 71,,,,,,,,,	
Day 5	To determine how much carpet you need to buy for your home, do you need to know the area or perimeter? Why?	
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#### Week 3

# Problem of the Day January

Day 1	What strategy will you use to solve 53 × 92? Solve.
Day Z	Describe and draw a trapezoid.
Day 3	Order from least to greatest: $\frac{2}{5}$ , $\frac{1}{2}$ , $\frac{6}{10}$
Day 4	Decompose 4 $\frac{5}{8}$ in two ways
Day 5	Nerissa finished $\frac{1}{8}$ of her homework before dinner and $\frac{2}{8}$ of her homework after dinner. How much did she complete? How much is left for her to complete?



## Problem of the Day January

Week 4

Day 1	Draw a picture to represent 6 × $\frac{1}{7}$ . Solve.	
Day 2	Compare with <, >, or =. 2.05	_ 1.57
Day 3	What is the perimeter of this rectangle?	27.5 feet 13.5 feet
Day 4	What is the area of this rectangle?	47 feet 9 feet
Day 5	What is an angle? Draw one.	_



### Problem of the Day January Answer Key

Day 1: 3.9

Day 2: acute

Day 3: Change the denominators into a common denominator, 20, and write equivalent fractions with the new denominator. Then, add the numerators and keep the denominator.  $\frac{13}{20}$ 

Day 4: 7

Day 5: **1,512 words** 

Week 2 Day 1:  $6\frac{2}{9}$ 

Day 2: **5**  $\frac{5}{6}$  hours Day 3:  $\frac{1}{5}$  **– –**  $\frac{2}{9}$ 

Day 4: **66, 61, 56, 51** 

Day 5: You need to know the area. Area tells us the entire space in each room.

#### Week 3

Day 1: Answers may vary. A possible answer is: Multiply 50 × 92, then 3 × 92, then add the products; 4,876

Day 2: A trapezoid is a quadrilateral with exactly one pair of parallel sides.

Day 3:  $\frac{2}{5}$ ,  $\frac{1}{2}$ ,  $\frac{6}{10}$ 

Day 4: Answers may vary. Two possible answers are:  $4 + \frac{5}{8}$ ;  $\frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ 

#### Week 4

Day 1: The picture should represent 6 parts of 7 shaded in;  $\frac{6}{7}$ 

Day 2: 2.05 > 1.57

Day 3: 82 feet

Day 4: 423 square feet

Day 5: An angle is the intersection of two lines, rays, or line segments..



