## Problem of the Day January

What is $3 \frac{9}{10}$ written as a decimal? $\qquad$

N
What type of angle has 27 degrees? $\qquad$

How would you solve $\frac{1}{4}+\frac{2}{5}$ ? What is the answer?

Circle the prime number: $28,16,12,7,27,30$
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0
Janet can read 84 words per minute. How many words can she read in 18 minutes?

## Problem of the Day January

Rename $\frac{56}{9}$ as a mixed number.

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? $\qquad$
$\cdots$
है Compare with $<,>$, or $=. \frac{1}{5}$ $\qquad$ $\frac{2}{9}$

Find and continue the pattern: $81,76,71$,

To determine how much carpet you need to buy for your home, do you need to know the area or perimeter? Why?

## Problem of the Day January

What strategy will you use to solve $53 \times 92$ ? Solve.

Describe and draw a trapezoid.
$\qquad$
$\qquad$

Order from least to greatest: $\frac{2}{5}, \frac{1}{2}, \frac{6}{10}$ $\qquad$

Decompose $4 \frac{5}{8}$ in two ways. $\qquad$
$\stackrel{10}{2}$
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

Draw a picture to represent $6 \times \frac{1}{7}$. Solve.

Compare with <, >, or =. 2.05 1.57

What is the perimeter of this rectangle?
27.5 feet
13.5 feet

What is the area of this rectangle?
47 feet
9 feet

What is an angle? Draw one.
$\qquad$
$\qquad$

## 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 $50 \times 92$, then $3 \times 92$, 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: $4+\frac{5}{8} ; \frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}$ $+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}$
$+\frac{1}{8}+\frac{1}{8}+\frac{1}{8}\left(\frac{1}{8}\right.$ added 37 times)
Day 5: $\frac{3}{8} ; \frac{5}{8}$

## Week 4

Day 1: The picture should represent 6 parts of 7 shaded in; $\frac{6}{7}$
Day 2: 2.05 $\qquad$ 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..

