Problem of the Day December

Day 1

What is $5\frac{3}{10}$ written as a decimal? _____

Day 2

What type of angle has 180 degrees? _____

_____

Day 3

How would you solve $\frac{1}{2} + \frac{1}{3}$? What is the answer?

_____

Day 4

Circle the prime number: 27, 36, 11, 25, 32, 40

_____

Day 5

Jaime can read 68 words per minute. How many words can he read in 12 minutes?

_____

Problem of the Day December

Day 1

Rename $\frac{45}{7}$ as a mixed number.

_____

Day 2

Esteban spent $\frac{3}{4}$ hours running each day for five days to train for a marathon. How much time did he run in total? _____

Day 3

Compare these two numbers using <, >, or =. $\frac{5}{12}$ _____ $\frac{4}{8}$

Day 4

Find and continue the pattern: 10, 17, 20, 27, 30,

_____, _____, _____, _____, _____

Day 5

To determine the length of baseboards needed for your walls, do you need to know the area or perimeter? Why?_____

_____

Problem of the Day December

Day 1

What strategy will you use to solve 60 × 118? Solve.

_____

Day 2

Describe and draw a rhombus.

_____

_____

_____

Day 3

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

Day 4

Decompose $5\frac{1}{5}$ in two ways. _____

Day 5

Emily finished $\frac{1}{3}$ of her homework before dinner and $\frac{1}{3}$ of her homework after dinner. How much did she complete? How much is left for her to complete?

Problem of the Day December

Day 1

Draw a picture to represent $2 \times \frac{1}{2}$. Solve.

_____

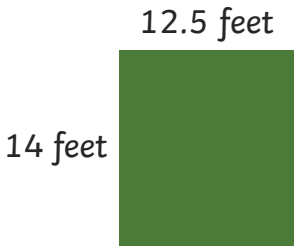
Day 2

Compare with <, >, or =. 1.03 _____ 1.40

Day 3

What is the perimeter of this rectangle?

_____



Day 4

What is the area of this rectangle?

_____

Day 5

What is a line segment? Draw one.

_____

_____

_____

Problem of the Day December **Answer Key**

Day 1: **5.3**

Day 2: **straight angle**

Day 3: **Change the denominators into a common denominator, 6, and write equivalent fractions with the new denominator. Then, add the numerators and keep the denominator.** $\frac{5}{6}$

Day 4: **11**

Day 5: **816 words**

Week 2

Day 1: **6** $\frac{3}{7}$

Day 2: **3** $\frac{3}{4}$ **hours**

Day 3: $\frac{5}{12}$ **<** $\frac{4}{8}$

Day 4: **: 37, 40, 47, 50, 57**

Day 5: **You need to know the perimeter, which is the distance around the room.**

Week 3

Day 1: **Answers may vary. A possible answer is: Solve 6 times 118 and add a zero; 7,080**

Day 2: **A rhombus is a quadrilateral with four equal sides.**

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

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

Day 5: $\frac{2}{3}$ **;** $\frac{1}{3}$

Week 4

Day 1: **Pictures should show 2 parts shaded to equal 1.**

Day 2: **1.03 < 1.40**

Day 3: **53 feet**

Day 4: **92 square feet**

Day 5: **A line segment is a portion of a line with two endpoints.**