Problem of the Day March

Day 1

What is $3\frac{53}{100}$ written as a decimal? _____

Day 2

What is an acute angle? _____

_____

Day 3

How would you subtract $\frac{2}{3}$ - $\frac{1}{4}$? What is the answer?

_____

Day 4

List the factors of 36.

_____

Day 5

Thomas' hens laid 120 eggs. How many dozen can he sell at the farmers market?

_____

Problem of the Day March

Day 1

Rename $3\frac{6}{7}$ as an improper fraction.

_____

Day 2

Theresa spent $\frac{3}{8}$ hours painting every day for six days.

How much time did she spend painting altogether? _____

Day 3

Compare these two numbers using <, >, or =. $\frac{4}{3}$ _____ $\frac{5}{4}$

Day 4

Find and continue the pattern: 1.2, 2.3, 3.4,

_____, _____, _____, _____,

Day 5

How do you find the area of a rectangle?

_____

Problem of the Day March

Day 1

What strategy will you use to solve 19 × 38? Solve.

_____

Day 2

What strategy will you use to solve 29 ÷ 3? Solve.

_____

Day 3

Order from least to greatest: 0.25, 0.05, 0.2, 0.26, 0.1

_____

Day 4

Decompose $\frac{7}{8}$ in two ways.

Day 5

Michael spent 0.5 of an hour computer programming each day for 7 days. How much time did he spend altogether?
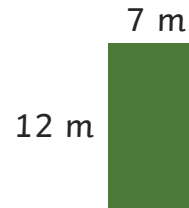
Problem of the Day March

Day 1

Draw a picture to represent $\frac{1}{2} \times \frac{1}{6}$. Solve.

_____

Day 2

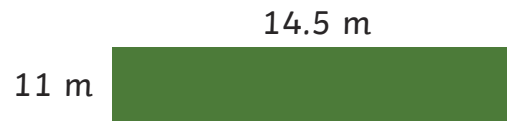Compare with <, >, or =. $\frac{1}{2}$ of 128 _____ **30 × 4**

Day 3

What is the perimeter of this rectangle?

_____

7 m

12 m

Day 4

What is the area of this rectangle?

_____

14.5 m

11 m

Day 5

Give an example of parallel lines in the real world.

_____

_____

Problem of the Day March **Answer Key**

Week 1
Day 1: **3.53**

Day 2: **An acute angle is an angle that measures less than 90 degrees.**

Day 3: **Change the denominators into a common denominator, 12, and write equivalent fractions with the new denominator. Then, subtract the numerators and keep the denominator.** $\frac{5}{12}$

Day 4: **1, 2, 3, 4, 6, 9, 12, 18, 36**

Day 5: **10 dozen**

Week 2
Day 1: $\frac{27}{7}$

Day 2: $\frac{18}{8}$ **or** $2\frac{2}{8}$ **or** $2\frac{1}{4}$ **hours**

Day 3: $\frac{4}{3}$ _____ **>** _____ $\frac{5}{4}$

Day 4: **1.2, 2.3, 3.4, 4.5, 5.6, 6.7, 7.8**

Day 5: **To find the area of a rectangle, multiply the length by the width.**

Week 3
Day 1: **First multiply 10 by 38, then 9 by 38, then add the products. 722**

Day 2: $9\frac{2}{3}$

Day 3: **0.05, 0.1, 0.2, 0.25, 0.26**

Day 4: **Answers may vary. Two possible answers are:** $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$; $\frac{5}{8} + \frac{2}{8}$

Day 5: **3.5 hours**

Week 4
Day 1: **The picture should represent half of** $\frac{1}{6}$; $\frac{1}{12}$

Day 2: $\frac{1}{2}$ **of 128** _____ **<** _____ **30 × 4**

Day 3: **38 m**

Day 4: **159.5 square meters**

Day 5: **Answers may vary. A possible answer is: Two sidewalks on the opposite sides of a street.**