Problem of the Day May

Day 1

What is $6\frac{24}{100}$ written as a decimal? _____

Day 2

What is an right angle? _____

_____

Day 3

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

_____

Day 4

List the factors of 64.

_____

Day 5

James' hens laid 96 eggs. How many dozen can he sell at the farmers market?

_____

Problem of the Day May

Day 1

Rename $\frac{38}{7}$ as an mixed number.

_____

Day 2

Elise spent $\frac{5}{9}$ hour each day building a shed for six days. How much time did she spend altogether? _____

Day 3

Compare with <, >, or =. $\frac{9}{10}$ _____ $\frac{8}{9}$

Day 4

Find and continue the pattern: 5.4, 6.3, 7.2,

_____, _____, _____, _____,

Day 5

How do you find the area of a triangle?

_____

Problem of the Day May

Day 1

What strategy will you use to solve 63 × 18? Solve.

_____

Day 2

What strategy will you use to solve 47 ÷ 10? Solve.

_____

Day 3

Order from least to greatest: 2.6, 3.9 1.99, 0.60, 1.59

_____

Day 4

Decompose $3\ \frac{1}{4}$ in two ways.

Day 5

Miguel spent 0.3 of an hour computer programming each day for 7 days. How much time did he spend altogether? _____

Problem of the Day May

Day 1

Draw a picture to represent $3 \times \frac{1}{5}$. Solve.

_____

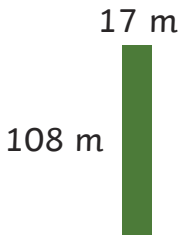
Day 2

Compare with <, >, or =. 13 × 7 _____ 18 × 5

Day 3

What is the perimeter of this rectangle?

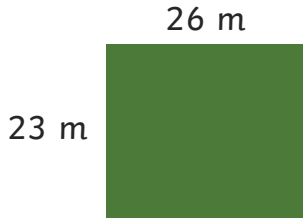
_____



Day 4

What is the area of this rectangle?

_____



Day 5

Give an example of a ray in the real world.

_____

_____

Problem of the Day May **Answer Key**

Week 1

Day 1: **6.24**

Day 2: **A right angle is an angle that is equal to ninety degrees.**

Day 3: **Change the denominators into a common denominator, 4, and write equivalent fractions with the new denominator. Then, subtract the numerators and keep the denominator. 1**

Day 4: **1, 2, 4, 8, 16, 32, 64**

Day 5: **8 dozen**

Week 2

Day 1: **5 $\frac{3}{7}$**

Day 2: **$\frac{30}{9}$ or 3 $\frac{3}{9}$ or 3 $\frac{1}{3}$ hours**

Day 3: $\frac{9}{10}$ **>** $\frac{8}{9}$

Day 4: **5.4, 6.3, 7.2, 8.1, 9.0, 9.9, 10.8**

Day 5: **Multiply 1/2 x base x height (1/2 b × h).**

Week 3

Day 1: **Multiply 10 × 63, then multiply 8 × 63. Add the products. 1,134**

Day 2: **Put 47 in the division house and 10 outside. The remainder is the numerator for the fraction. 4 $\frac{7}{10}$**

Day 3: **0.60, 1.59, 1.99, 2.6, 3.9**

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

Day 5: **2.1 hours**

Week 4

Day 1: **The picture should represent $\frac{3}{5}$ or $\frac{1}{5}$ of 3; $\frac{3}{5}$**

Day 2: **13 × 7 > 18 × 5**

Day 3: **250 m**

Day 4: **598 square meters**

Day 5: **Answers may vary. A possible answer is: A sun's ray is a real-world example of a ray.**