

Problem of the Day April

Day 1

What is $4\frac{7}{100}$ written as a decimal? _____

Day 2

What is an obtuse angle? _____

Day 3

How do you solve $\frac{2}{5} + \frac{1}{8}$? What is the answer?

Day 4

List the factors of 52.

Day 5

Gemma's hens laid 144 eggs. How many dozen can he sell at the farmers market?

Problem of the Day April

Day 1

Rename $4\frac{2}{5}$ as an improper fraction.

Day 2

Trevor spent $\frac{6}{7}$ hours reading each day for six days. How much time did he spend reading?

Day 3

Compare these two numbers using $<$, $>$, or $=$. $\frac{5}{6}$ _____ $\frac{7}{8}$

Day 4

Find and continue the pattern: 11, 13, 18, 20, 25,

_____, _____, _____, _____,

Day 5

How do you find the area of a square?

Problem of the Day April

Day 1

What strategy will you use to solve 57×12 ? Solve.

Day 2

What strategy will you use to solve $33 \div 4$? Solve.

Day 3

Order from least to greatest: 1.5, 1.06, 1.13, 1.1, 1.01

Day 4

Decompose $5 \frac{2}{7}$ in two ways.

Day 5

Michael spent 0.6 of an hour computer programming each day for 7 days. How much time did he spend altogether? _____

Problem of the Day April

Day 1

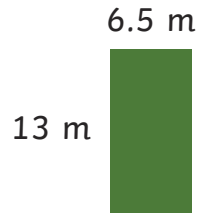
Draw a picture to represent $8 \times \frac{2}{3}$. Solve.

Day 2

Compare with $<$, $>$, or $=$. 16×12 _____ 14×14

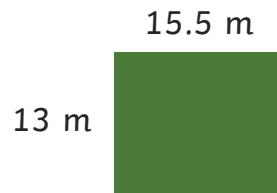
Day 3

What is the perimeter of this rectangle?



Day 4

What is the area of this rectangle?



Day 5

Give an example of perpendicular lines in the real world.

Problem of the Day April Answer Key

Week 1

Day 1: **4.07**

Day 2: **An obtuse angle is an angle that measures more than 90 degrees.**

Day 3: **Change the denominators into a common denominator, 40, and write equivalent fractions with the new denominator. Then, add the numerators and keep the denominator.** $\frac{21}{40}$

Day 4: **1, 2, 4, 13, 26, 52**

Day 5: **12 dozen**

Week 2

Day 1: $\frac{22}{5}$

Day 2: $\frac{36}{7}$ or $5\frac{1}{7}$

Day 3: $\frac{5}{6}$ _____ < _____ $\frac{7}{8}$

Day 4: **11, 13, 18, 20, 25, 27, 32, 34, 39**

Day 5: **Multiply the length of a side by a side (s x s).**

Week 3

Day 1: **First multiply 10 by 57, then 2 by 57, then add the products. 684**

Day 2: **Put 33 in the division house and 4 outside. The quotient will be the whole number and the remainder will be the new numerator; $8\frac{1}{4}$.**

Day 3: **1.01, 1.06, 1.1, 1.13, 1.5**

Day 4: $5 + \frac{2}{7}$; $\frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{7}{7} + \frac{2}{7}$

Day 5: **4.2 hours**

Week 4

Day 1: **The picture should represent two-thirds of eight; $\frac{16}{3}$ or $5\frac{1}{3}$**

Day 2: 16×12 _____ < _____ 14×14

Day 3: **39 m**

Day 4: **201.5 square meters**

Day 5: **Answers may vary. A possible answer is: Two streets that meet at a corner are perpendicular.**