

Problem of the Day July

Day 1

What is $9\frac{6}{100}$ written as a decimal? _____

Day 2

Give an example of an obtuse angle. _____

Day 3

How do you subtract $4\frac{1}{8} - \frac{6}{8}$? What is the answer?

Day 4

List the factors of 200.

Day 5

Theresa's hens lay 240 eggs. How many dozen can she sell at the farmers market?

Problem of the Day July

Day 1

Rename $\frac{85}{10}$ as a mixed number.

Day 2

Carissa spent $\frac{3}{4}$ of an hour baking every day for six days. How much time did she spend altogether? _____

Day 3

Compare with $<$, $>$, or $=$. $\frac{5}{3}$ _____ $\frac{6}{4}$

Day 4

Find and continue the pattern. 314, 628, 942,

_____, _____, _____, _____,

Day 5

The area of a square is 4 meters squared. How long is one of its sides?

Problem of the Day July

Day 1

What strategy would you use to solve 45×81 ? Solve.

Day 2

What strategy would you use to solve $66 \div 7$? Solve. _____

Day 3

Order from least to greatest: 4.1, 4.07, 4.32, 4.96, 4.78

Day 4

Decompose $8\frac{1}{8}$ in two ways. _____

Day 5

Elena spent 0.9 of an hour computer programming each day for 7 days. How much time did she spend altogether? _____

Problem of the Day July

Day 1

Draw a picture to represent $2 \times \frac{7}{8}$. Solve. _____


Day 2

Compare with $<$, $>$, or $=$. $144 \div 12$ _____ 4×14

Day 3

What is the perimeter of this rectangle?


15.5 m
130 m



Day 4

What is the area of this rectangle?

13 m
6.5 m



Day 5

Give an example of an acute angle in the real world. _____

Problem of the Day July Answer Key

Week 1

Day 1: **9.06**

Day 2: **Answers may vary. A possible answer is: An example of an obtuse angle is when the hour hand of a clock is on the nine and the minute hand is on the five.**

Day 3: **Change $4\frac{1}{8}$ to an improper fraction: $\frac{33}{8}$. Then, subtract 6 from 33 to get 27. The answer is $\frac{27}{8}$ or $3\frac{3}{8}$.**

Day 4: **1, 2, 4, 5, 8, 10, 20, 25, 40, 50, 100, 200**

Day 5: **20 dozen**

Week 2

Day 1: **$8\frac{5}{10}$ or $8\frac{1}{2}$**

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

Day 3: **$\frac{5}{3} > \frac{6}{4}$**

Day 4: **1,256, 1,570, 1,884, 2,198**

Day 5: **2 meters**

Week 3

Day 1: **Answers may vary. A possible answer is: Multiply 40×81 , then multiply 5×81 . Add the products. 3,645**

Day 2: **Answers may vary. A possible answer is: Put 66 in the division house and 7 outside. 66 divided by 7 is 9 remainder 3; $9\frac{3}{7}$**

Day 3: **4.07, 4.1, 4.32, 4.78, 4.96**

Day 4: **$8 + \frac{1}{8}; \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{8}{8} + \frac{1}{8}$**

Day 5: **6.3 hours**

Week 4

Day 1: **Answers may vary. The picture should represent 2 groups of $\frac{7}{8}$ or $\frac{7}{8}$ of 2. Answer = 1.75 or $1\frac{3}{4}$**

Day 2: **$144 \div 12 < 4 \times 14$**

Day 3: **291 m**

Day 4: **84.5 square meters**

Day 5: **Answers may vary. A possible answer is a clock with the hour hand on the two and a minute hand on the twelve.**