Problem of the Day June

Day 1

What is $8\frac{15}{100}$ written as a decimal? _____

Day 2

Give an example of an acute angle. _____

_____

Day 3

How do you subtract $3 - 1\frac{5}{8}$? What is the answer?

_____

Day 4

List the factors of 96.

_____

Day 5

Marcus' hens laid 156 eggs. How many dozen can he sell at the farmers market?

_____

Problem of the Day June

Day 1

Rename $\frac{41}{9}$ as a mixed number.

_____

Day 2

Manuel spent $\frac{4}{5}$ hour each day baking for six days. How much time did he spend

altogether? _____

Day 3

Compare with <, >, or =. $\frac{13}{11}$ _____ $\frac{12}{10}$

Day 4

Find and continue the pattern: 1.05, 1.10, 1.15,

_____, _____, _____, _____,

Day 5

The area of a square is 16 meters squared. How long is one of its sides?

_____

Problem of the Day June

Day 1

What strategy will you use to solve 108 × 23? Solve.

_____

Day 2

What strategy will you use to solve 57 ÷ 9? Solve.

_____

Day 3

Order from least to greatest: 3.4, 3.63, 3.9, 3.08, 3.11

_____

Day 4

Decompose $9 \frac{2}{3}$ in two ways.

Day 5

Lena spent 0.7 of an hour computer programming each day for 7 days. How much time did she spend altogether? _____
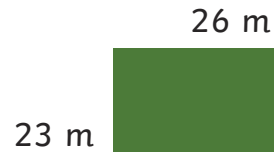
Problem of the Day June

Day 1

Draw a picture to represent $4 \times \frac{2}{3}$. Solve.

_____

Day 2

Compare with <, >, or =. 560 ÷ 7 _____ 20 × 4

Day 3

What is the perimeter of this rectangle?

_____

26 m

23 m

Day 4

What is the area of this rectangle?

_____

108 m

17 m

Day 5

Give an example of an obtuse angle in the real world.

_____

_____

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Problem of the Day June **Answer Key**

Week 1

Day 1: **8.15**

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

Day 3: **Change 3 to $\frac{24}{8}$ and $1\frac{5}{8}$ to $\frac{13}{8}$. Then subtract 24 - 13 and put the difference over 8; $\frac{11}{8}$ or $1\frac{3}{8}$.**

Day 4: **1, 2, 3, 4, 6, 8, 12, 16, 24, 32, 48, 96**

Day 5: **13 dozen**

Week 2

Day 1: **$4\frac{5}{9}$**

Day 2: **$\frac{24}{5}$ or $4\frac{4}{5}$ or 5 hours**

Day 3: **$\frac{13}{11}$ ____ < ____ $\frac{12}{10}$**

Day 4: **1.05, 1.10, 1.15, 1.20, 1.25, 1.30, 1.35**

Day 5: **4 meters**

Week 3

Day 1: **Multiply 100 by 23 and 8 by 23, then add the products; 2,484.**

Day 2: **Divide 57 by 9, the answer is the whole number, the remainder will be the numerator; $6\frac{3}{9}$ or $6\frac{1}{3}$.**

Day 3: **3.08, 3.11, 3.4, 3.63, 3.9**

Day 4: **$9 + \frac{2}{3}$; $\frac{1}{3} + \frac{1}{3}$**

Day 5: **4.9 hours**

Week 4

Day 1: **Answers may vary and should show $\frac{2}{3}$ of 4; $\frac{8}{3}$ or $2\frac{2}{3}$.**

Day 2: **560 ÷ 7 ____ = ____ 20 × 4**

Day 3: **98 m**

Day 4: **1,836 square meters**

Day 5: **Answers may vary. A possible answer is: An obtuse angle can be when the hour hand on a clock is on the two and the minute hand is on the six.**