

Problem of the Day October

Day 1

What is $3\frac{1}{10}$ written as a decimal? _____

Day 2

What type of angle has 90 degrees? _____

Day 3

How would you solve $\frac{1}{12} + \frac{7}{12}$? What is the answer?

Day 4

What is a composite number?

Day 5

Michael can read 75 words per minute. How many words can he read in 20 minutes?

Problem of the Day October

Day 1

Rename $\frac{8}{5}$ as a mixed number.

Day 2

Sara spent $1\frac{1}{4}$ hours running each day for five days to train for a marathon. How much time did she run in total? _____

Day 3

Compare these two numbers using $<$, $>$, or $=$. $\frac{2}{3}$ _____ $\frac{7}{9}$

Day 4

Find and continue the pattern: 5, 3, 8, 6, 11,

_____, _____, _____, _____, _____

Day 5

What does perimeter mean?

Problem of the Day October

Day 1

What strategy will you use to solve 19×170 ? Solve.

Day 2

Describe and draw a quadrilateral.

Day 3

Order from least to greatest: $\frac{2}{8}$, $\frac{3}{5}$, $\frac{1}{2}$

Day 4

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

Day 5

Jennifer finished $\frac{2}{5}$ of her homework before dinner and $\frac{1}{5}$ of her homework after dinner. How much did she complete? How much is left for her to complete?

Problem of the Day October

Day 1

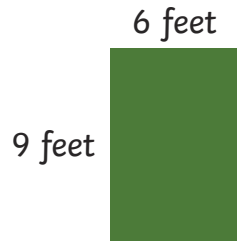
Draw a picture to represent $3 \times \frac{1}{3}$. Solve.

Day 2

Compare with $<$, $>$, or $=$. 0.05 _____ 0.10

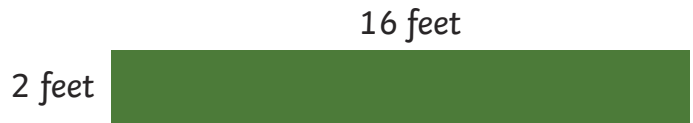
Day 3

What is the perimeter of this rectangle?



Day 4

What is the area of this rectangle?



Day 5

What are perpendicular lines? What are parallel lines? _____

Problem of the Day October Answer Key

Week 1

Day 1: **3.1**

Day 2: **right angle**

Day 3: **Add the numerators and keep the denominator the same; $\frac{8}{12}$**

Day 4: **A composite number is a number with factors other than one and itself.**

Day 5: **1,500 words**

Week 2

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

Day 2: **$6\frac{1}{4}$ hours**

Day 3: **$\frac{2}{3} < \frac{7}{9}$**

Day 4: **: 9, 14, 12, 17, 15 (subtract 2 then add five)**

Day 5: **Perimeter means the distance around an object.**

Week 3

Day 1: **Answers may vary. A possible answer is: I will multiply 170 by 10, then by 9, then add the products. 3,230**

Day 2: **A quadrilateral is any shape with exactly four sides.**

Day 3: **$\frac{2}{8}, \frac{1}{2}, \frac{3}{4}$**

Day 4: **Answers may vary. Two possible answers are: $3 + \frac{3}{4}; \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$**

Day 5: **$\frac{3}{5}; \frac{2}{5}$**

Week 4

Day 1: **Pictures will vary, but should have three parts to make a whole; 1**

Day 2: **0.05 < 0.10**

Day 3: **30 feet**

Day 4: **32 square feet**

Day 5: **Perpendicular lines are lines that intersect at a 90-degree angle. Parallel lines are lines that are an equal distance apart on every point of the lines, they will never meet.**