Problem of the Day November

Day 1

What is $7\frac{1}{2}$ divided by 3? How do you know? _____

_____

Day 2

Explain how to solve 4.08 + 1.27 in two different ways. Solve. _____

_____

_____

Day 3

Make a Venn diagram comparing a trapezoid and a parallelogram.

Day 4

Luis' father is making gravy for the Thanksgiving turkey. The recipe requires $1\frac{2}{3}$ cup of flour. Mara's mother is also making gravy, and her recipe requires $1\frac{3}{5}$ cup of flour. Who added more flour? How do you know? _____

_____

Day 5

The football stadium is divided into 8 sections. One section can hold 1,385 people. What is a good estimate of how many people attend the football game on Thanksgiving? How did you estimate your answer? _____

_____

Problem of the Day November

Day 1

What is an equivalent fraction to 0.75? How do you know? Can you think of another equivalent fraction to 0.75? _____

_____

Day 2

What decimal represents $\frac{2}{50}$?

_____

Day 3

What is the difference between perimeter and diameter? Draw an illustration to help explain your answer. _____

_____

Day 4

Find and continue the pattern:

Cost of football tickets	**$56.78**	**$113.56**	**$170.34**	_____	_____	_____
Number of tickets	1	2	3	4	5	6

Day 5

What is the difference between area and volume?

_____

_____

Problem of the Day November

Day 1

Ricardo spent $\frac{5}{6}$ of an hour swimming laps yesterday. Julia spent $1\frac{1}{2}$ hours swimming laps. How much more time did Julia spend swimming? Explain how you solved the problem. _____

_____

Day 2

A number times $5\frac{3}{4}$ equals 23. What is the number? How did you solve this?

_____

_____

Day 3

Fill in the missing number: $40\frac{2}{3}$ + _____ = 210

Day 4

Compare these two numbers using <, >, or =. 17 in _____ 17 cm

Day 5

Continue this pattern: 10:15, 11:37, 12:59,

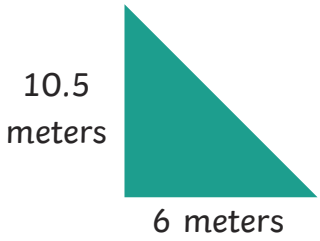
_____, _____, _____, _____, _____

Problem of the Day November

Day 1

What is the area of this triangle?

_____



Day 2

What is $\frac{79}{3}$ renamed as a mixed number? How did you solve this?

_____

_____

Day 3

There are 306 jackets to deliver to 3 local homeless shelters. How many jackets will each shelter receive? _____

Day 4

Ann is knitting 3 hats. Each hat requires $9\frac{3}{4}$ yards of yarn. How much yarn will she need? Please write your answer in an improper fraction and a mixed number.

_____

_____

Day 5

The area of Terese's room is 96 square feet. The width is 12 feet. What is the length? How did you get your answer? _____

_____

_____

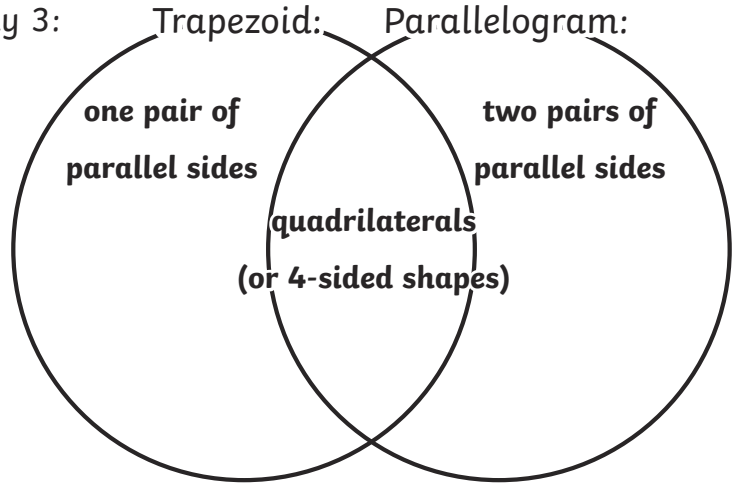
Problem of the Day November **Answer Key**

Week 1

Day 1: **$2\frac{1}{2}$; 7.5 divided by 3 is 2.5**

Day 2: **5.35; Line up the decimals and add vertically, or use hundreds squares to fill in the decimals and add.**

Day 3:



Day 4: **Luis' father because $1\frac{2}{3} = 1\frac{10}{15}$ and $1\frac{3}{5} = 1\frac{9}{15}$**

Day 5: **A good estimate would be over 8,000 people (about 1,000 per section) or 10,400 (8 x 13 x 100).**

Week 2

Day 1: **$\frac{75}{100}$ That is how the decimal is read. $\frac{3}{4}$**

Day 2: **0.04**

Day 3: **Perimeter is the distance around an object. Diameter is a line straight through the center of a circle.**

Day 4: **227.12, 283.90, 340.68**

Day 5: **Area is the space inside a two-dimensional shape. Volume is the amount inside a three-dimensional shape.**

Week 3

Day 1: **$\frac{2}{3}$ of an hour or 40 minutes; $1\frac{3}{6} - \frac{5}{6} = \frac{2}{3}$**

Day 2: **4; guess and check or divide 23 by 5.75**

Day 3: **169 $\frac{1}{3}$**

Day 4: **17 in _____ > _____ 17 cm**

Day 5: **2:21, 3:43, 5:05, 6:27, 7:49**

Problem of the Day November **Answer Key**

Week 4

Day 1: **31.5 square meters**

Day 2: **$26\ \frac{1}{3}$; Divide 79 by 3. The quotient is the whole number, and the remainder becomes the numerator.**

Day 3: **102 jackets**

Day 4: **$\frac{117}{4}$; $29\ \frac{1}{4}$**

Day 5: **8 feet; Divide 96 by 12.**