Problem of the Day February

Day 1

What is 20 divided by 5? How do you know? _____

_____

Day 2

Explain how to solve 8 x 5 two different ways. _____

_____

Day 3

What is the difference between an oval and a square?

_____

_____

Day 4

Your birthday cake has 8 pieces. Your family eats 6 pieces.

What fraction of the cake is left? What fraction of the cake did your family eat? (Hint: Drawing a picture may help.)

_____

Day 5

You bought 9 boxes of Valentine's Day cards. Each box has 5 cards. How many cards are there altogether? List two ways to solve this problem, then solve.

_____

_____

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Problem of the Day February

Day 1

How are division and subtraction similar?

_____

_____

Day 2

How many groups of 4 do you need to make 20? _____

Day 3

On Friday, Emily spent $3\frac{1}{2}$ hours playing. On Saturday, she spent $1\frac{1}{2}$ hours playing. On Sunday, she played for 1 hour. How many hours did she play altogether? _____

_____

Day 4

Find and continue the pattern:

Number of Lollipops	0	1	2	3	4	5
Total Cost	0	$0.25	$0.50	_____	_____	_____

Day 5

Recess at Ethan's school begins at 9:57 a.m. and ends at 10:08 a.m. How many minutes is recess? _____

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Problem of the Day February

Day 1

When Gina looked at the clock at the end of lunch, the hour hand was a little before the 1, and the minute hand was on the 10. What time does lunch end?

_____

Day 2

Your mom has 900 songs on her phone. There are 581 movie songs. How many songs are not movie songs? _____

Day 3

Fill in the missing number: 5 - _____ = 2.7

Day 4

Compare using <, >, or =. 1,030 _____ 1,029.6
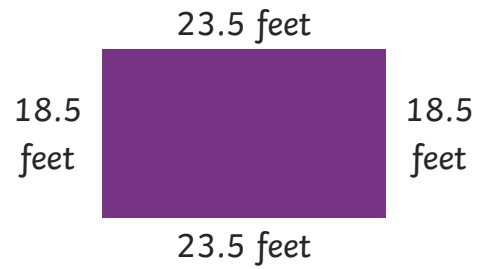
Day 5

Continue this counting by 11s pattern: 11, 22, 33, _____, _____,

_____, _____, _____.

Problem of the Day February

Day 1

What is the distance around this field (also known as perimeter)? _____

23.5 feet

18.5 feet

18.5 feet

23.5 feet

Day 2

Circle the number divisible by 6: 76, 42, 88, 68, 100.

Day 3

A shoe shop has 216 shoes. How many pairs of shoes are there?

_____

Day 4

Michael can fit 9 sentences per page in his notebook. He has 54 sentences to write. How many pages will he need to write the sentences? _____

Day 5

Gabriel has finished 17 problems on his test. The test has 42 problems. How many more problems does he need to finish? _____

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Problem of the Day February **Answer Key**

Week 1

Day 1: **If I circle five groups in the twenty, there are four in each.**

Day 2: **I can draw eight groups of five, or I can use my multiplication fact, 8 x 5 = 40.**

Day 3: **An oval has no sides, and a square has 4 sides.**

Day 4: $\frac{2}{8}$ **or** $\frac{1}{4}$ **;** $\frac{6}{8}$ **or** $\frac{3}{4}$

Day 5: **I can draw 9 boxes with 5 cards in each and count them, or I can multiply 9 x 5 = 45.**

Week 2

Day 1: **They are both reducing the original number.**

Day 2: **5**

Day 3: **6 hours**

Day 4: **$0.75, $1.00, $1.25**

Day 5: **11 minutes**

Week 3

Day 1: **12:50 p.m.**

Day 2: **319 songs**

Day 3: **2.3**

Day 4: **>**

Day 5: **44, 55, 66, 77, 88**

Week 4

Day 1: **84 feet**

Day 2: **42**

Day 3: **108 pairs**

Day 4: **6 pages**

Day 5: **25 more problems**