

# Summer 2020 Rising 5<sup>th</sup> Grade – Problem of the Day Calendar

Name \_\_\_\_\_

| Monday 5/25  | Tuesday 5/26                       | Wednesday 5/27  | Thursday 5/28                          | Friday 5/29                          |
|--|------------------------------------|---|--|--------------------------------------|
| Write the following in standard form:<br><br>92 ten thousands + 50 hundreds + 6 tens | List the first six multiples of 8. | Round 138,465 to the nearest thousand, hundred, and ten.    | List all the factors of the number 24. | What number is 100 more than 79,930? |
| <b>Answer:</b>   | <b>Answer:</b>                     | <b>Answer:</b><br><br>Thousand:<br><br>Hundred:<br><br>Ten: | <b>Answer:</b>                         | <b>Answer:</b>                       |

| Monday 6/1  | Tuesday 6/2  | Wednesday 6/3   | Thursday 6/4   | Friday 6/5   |
|---|--|---|--|--|
| Solve using the order of operations:<br><br>$70 + 40 \div 5 \times 4$ | Fill in the missing number represented by $n$ .<br><br>$n \times 6,000 = 48,000$ | Estimate the value of $1,205 - 489 - 596$ .<br><br>Show how you are rounding each number. | Estimate first, and then multiply.<br><br>$7 \times 6,931$ | Estimate first, and then divide.<br><br>$576 \div 4$ |
| <b>Answer:</b>  | <b>Answer:</b><br><br>$n =$  | <b>Answer:</b><br><br>_____ - _____ -<br><br>_____ = _____                                | <b>Answer:</b><br>Estimate:<br><br>Work/Answer:            | <b>Answer:</b><br>Estimate:<br><br>Work/Answer:      |

| Monday 6/8   | Tuesday 6/9  | Wednesday 6/10  | Thursday 6/11   | Friday 6/12   |
|--|--|---|---|---|
| Mrs. Prather started reading a 6,958 page book. If she only has time to read 10 pages a day, what is the <u>least</u> number of days she needs to complete the book? | Estimate first, and then multiply.<br><br>685 x 32 | Find the value of the expression:<br><br>$6,408 \div (48 - 45)$ | Express each fraction in its simplest form:<br>a) $\frac{12}{18}$<br>b) $\frac{16}{20}$<br>c) $\frac{18}{24}$ | Order the following fractions from LEAST to GREATEST:<br><br>$\frac{7}{12}$ ; $\frac{3}{4}$ ; $\frac{2}{3}$ ; $\frac{4}{9}$ |
| <b>Answer:</b>   | <b>Answer:</b><br>Estimate:<br>Work/Answer:        | <b>Answer:</b>  | <b>Answer:</b><br><br>a)<br><br>b)<br><br>c)  | <b>Answer:</b>  |

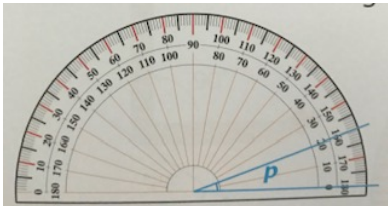
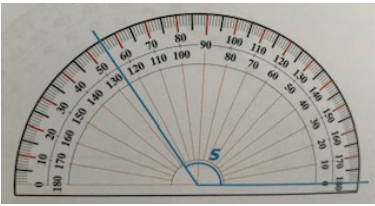
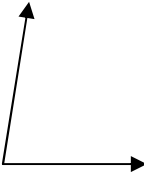
| Monday 6/15   | Tuesday 6/16   | Wednesday 6/17  | Thursday 6/18  | Friday 6/19   |
|---|--|---|--|---|
| Express the answer as a mixed number in simplest form:<br>$\frac{4}{7} + \frac{5}{7} =$ | Gwen bought 1 liter of tomato juice. She drank $\frac{2}{7}$ of it in the morning and then she drank $\frac{4}{7}$ of it in the evening. How much tomato juice was left? | Compare each statement using < , > , or =<br>a) $\frac{14}{9}$ _____ $1\frac{4}{9}$<br>b) $\frac{18}{4}$ _____ $4\frac{5}{8}$<br>c) $\frac{8}{9}$ _____ $\frac{3}{4}$ | Express each answer in simplest form:<br>a) $\frac{3}{4} - \frac{5}{12}$<br>b) $\frac{2}{3} + \frac{11}{12}$ | Express the answer as a mixed number in simplest form:<br><br>$3\frac{7}{10} - 2\frac{27}{100}$ |
| <b>Answer:</b>  | <b>Answer:</b>   | <b>Answer:</b><br><br>a)<br><br>b)<br><br>c)  | <b>Answer:</b><br><br>a)<br><br>b)   | <b>Answer:</b>  |

| Monday 6/22   | Tuesday 6/23  | Wednesday 6/24   | Thursday 6/25   | Friday 6/26  |
|---|---|--|---|--|
| A container has a capacity of 3 liters. It contains $1\frac{3}{4}$ liters of water. How much more water is needed to fill the container completely? | Draw and label a bar model to find the value of:<br><br>$\frac{3}{8}$ of 16 | 48 children went to the zoo. $\frac{3}{8}$ of them were girls. How many boys were there?<br><br>Hint: draw a bar model | Use your knowledge of conversions to fill in each blank:<br>a) 5 km = _____ m<br>b) 325 cm = _____ m<br>c) 2,500 ml = _____ L | Use your knowledge of conversions to fill in each blank:<br>a) 9 feet = _____ in<br>b) 48 oz = _____ lb<br>c) 2 hours 20 minutes = _____ minutes |
| <b>Answer:</b>  | <b>Answer:</b>  | <b>Answer:</b>   | <b>Answer:</b><br>a)<br>b)<br>c)  | <b>Answer:</b><br>a)<br>b)<br>c)   |

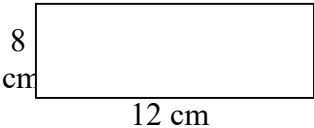
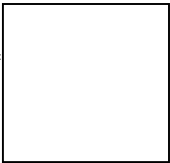

| Monday 6/29  | Tuesday 6/30  | Wednesday 7/1   | Thursday 7/2   | Friday 7/3   |
|--|---|---|--|--|
| Express each of the following as a decimal:<br>a) 4 tenths<br>b) 21 tenths<br>c) $\frac{16}{10}$<br>d) 37 hundredths | Write a decimal number in standard form for each:<br>a) $30 + 6 + 0.2 + 0.05$<br>b) $54 + 0.03$<br>c) $30 + 0.5 + 0.7$<br>d) $3 + \frac{9}{10}$ | What number must be added to 0.82 to give the answer 1? | Order the following from least to greatest:<br>a) 3.25 ; 3.205 ; 3.025 ; 3.502<br>b) 1.385 ; $1\frac{7}{20}$ ; 1.035 ; $\frac{13}{10}$ | What is the value of the letter $n$ ?<br><br>$0.45 = \frac{n}{10} + \frac{5}{100}$ |
| <b>Answer:</b><br>a)<br>b)<br>c)<br>d)   | <b>Answer:</b><br>a)<br>b)<br>c)<br>d)  | <b>Answer:</b>  | <b>Answer:</b><br>a)<br>b)   | <b>Answer:</b><br>$n =$  |

| Monday 7/6   | Tuesday 7/7   | Wednesday 7/8  | Thursday 7/9   | Friday 7/10  |
|--|---|--|--|--|
| Write each fraction as a decimal:<br>a) $\frac{39}{100}$ c) $\frac{19}{5}$<br><br>b) $6\frac{1}{20}$ | Write each decimal as a fraction or mixed number in simplest form:<br>a) 0.8<br>b) 6.07<br>c) 0.145 | Find the value of each:<br>a) $2.8 + 0.7$<br>b) $2.6 + 7$<br>c) $0.56 + 0.4$<br>d) $0.86 + 0.49$ | Find the value of each:<br>a) $0.58 - 0.3$<br>b) $5.3 - 0.9$<br>c) $4 - 0.86$<br>d) $1 - 0.07$ | Find the value of each:<br>a) $5 - 2.4$<br>b) $0.6 - 0.16$<br>c) $4.72 - 1.32$<br>d) $4.52 - 0.99$ |
| <b>Answer:</b><br>a)<br><br>b)<br><br>c)   | <b>Answer:</b><br>a)<br><br>b)<br><br>c)  | <b>Answer:</b><br>a)<br><br>b)<br><br>c)<br><br>d)   | <b>Answer:</b><br>a)<br><br>b)<br><br>c)<br><br>d)   | <b>Answer:</b><br>a)<br><br>b)<br><br>c)<br><br>d)   |

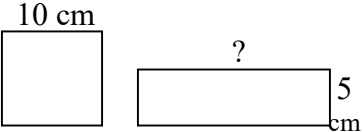
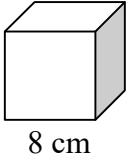
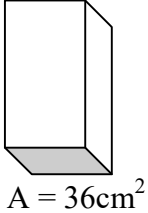
| Monday 7/13   | Tuesday 7/14  | Wednesday 7/15   | Thursday 7/16  | Friday 7/17  |
|---|---|--|--|--|
| After using 24.8 cm of ribbon to tie a present and 12.6 cm to make a bow, Bo had 18.4 cm of ribbon left. How many centimeters of ribbon did he have at first? | Find the product of each:<br>a) $0.3 \times 2$<br>b) $0.5 \times 8$<br>c) $0.04 \times 7$<br>d) $\$0.60 \times 9$ | Estimate the product of each. Record your estimate. Then find the actual product.<br>a) $3.9 \times 5$<br>b) $18.5 \times 2$           | (same instructions as Wednesday 7/15)<br><br>c) $8 \times 32.6$<br>d) $4 \times 130.2$   | Mrs. Prather bought 4 packs of spice and a can of cocoa. Each spice pack costs \$0.85 and the can costs \$5.75. How much did she spend all together? |
| <b>Answer:</b>  | <b>Answer:</b><br>a)<br><br>b)<br><br>c)<br><br>d)  | <b>Estimate for a:</b><br><b>Work/Answer for a:</b><br><br><br><br><br><br><br><br><b>Estimate for b:</b><br><b>Work/Answer for b:</b> | <b>Estimate for c:</b><br><b>Work/Answer for c:</b><br><br><br><br><br><br><br><br><b>Estimate for d:</b><br><b>Work/Answer for d:</b> | <b>Answer:</b>   |

| Monday 7/20   | Tuesday 7/21   | Wednesday 7/22   | Thursday 7/23   | Friday 7/24  |
|---|--|--|---|--|
| Use your knowledge of math facts and place value to answer the following:<br>a) $0.8 \div 4$<br>b) $3.5 \div 7$<br>c) $\$2.40 \div 8$<br>d) $4.12 \div 4$ | Draw and label each:<br>a) Line segment AB<br>b) Ray C<br>c) Line<br>d) A line with points D and E on the line | Find the measure of angle $p$ and tell what type of angle it is.<br> | Find the measure of angle $s$ and tell what type of angle it is.<br> | Estimate the size of the angle below:<br> |
| <b>Answer:</b><br>a)<br>b)<br>c)<br>d)  | <b>Answer:</b><br>a)<br>b)<br>c)<br>d)   | <b>Answer:</b><br>$m < p =$<br><br>type of angle:  | <b>Answer:</b><br>$m < s =$<br><br>type of angle:   | <b>Answer:</b>   |

**\*\*please note: figures are NOT drawn to scale**

| Monday 7/27   | Tuesday 7/28   | Wednesday 7/29   | Thursday 7/30  | Friday 7/31   |
|---|--|--|--|---|
| Find the perimeter AND area of the rectangle below:<br> | The area of a square is $81 \text{ cm}^2$ . Find its perimeter.<br><br>Area = $81 \text{ cm}^2$ | The floor of a rectangular room measures 15 ft by 22 ft. It costs \$4 per square foot to carpet the floor. Find the cost to carpet the entire floor. | The perimeter of a square is 35.2 feet.<br>a) Find the length of one side of the square.<br>b) Round the length to the nearest whole number. | The area of a rectangle is $108 \text{ cm}^2$ . One side of the rectangle measures 9 cm. Find the measure of the unknown side.<br> |
| <b>Answer:</b><br>Perimeter:<br><br>Area:   | <b>Answer:</b>   | <b>Answer:</b>   | <b>Answer:</b><br>a)<br><br>b)   | <b>Answer:</b>  |

**\*\*please note: figures are NOT drawn to scale**

| Monday 8/3   | Tuesday 8/4   | Wednesday 8/5   | Thursday 8/6   | Friday 8/7   |
|--|---|---|--|--|
| <p>The rectangle and square below have the same perimeter.</p> <p>a) Find the missing length of the rectangle.</p> <p>b) Which shape has the bigger area?</p>  | <p>Find the volume of a cube with edge lengths of 8 cm.</p>  | <p>Find the volume of a rectangular prism that has a base area of <math>36\text{ cm}^2</math> and a height of 4 cm.</p>  | <p>Mrs. Prather measured the lengths of 4 worms. The measurements were: 8.92 cm, <math>\frac{72}{10}</math> cm, 7 cm, and <math>\frac{763}{100}</math> cm.</p> <p>What is the combined length of all 4 worms?</p> <p>a) Express your answer as a decimal.</p> <p>b) Express your answer as a fraction/mixed number in simplest form.</p> | <p>Each upper school student at Oak Hill School read a minimum of 153 pages this summer. There are 200 students in the upper school.</p> <p>a) Estimate the total number of pages read by upper school students.</p> <p>b) Find the total number of pages read by upper school students this summer.</p> |
| <p><b>Answer:</b></p> <p>a)</p> <p>b)</p>  | <p><b>Answer:</b></p>   | <p><b>Answer:</b></p>   | <p><b>Answer:</b></p> <p>a)</p> <p>b)</p>  | <p><b>Answer:</b></p> <p>a)</p> <p>b)</p>  |

| <b>Monday 8/10</b>   | <b>Tuesday 8/11</b>  | <b>Wednesday 8/12</b>   | <b>Thursday 8/13</b>   | <b>Friday 8/14</b>  |
|--|--|---|--|---|
| What is your best estimate for the answer to $\$45.91 + \$83.11$ ? Why? Answer with a complete sentence. | What is your best estimate for the answer to $31.4 \times 8$ ? Why? Answer with a complete sentence. | What is your best estimate for the answer to $43.29 \div 8$ ? Why? Answer with a complete sentence. | There are 1,521 workers at a factory. $\frac{1}{3}$ (one third) of the workers are between the ages of 18 – 30. How many workers at the factory are between the ages of 18 – 30? | A quadrilateral has side lengths that measure 8.2 cm, 9.8 cm, 8.2 cm, and 9.8 cm. What is the perimeter of the quadrilateral?<br><br>Also, draw and label a quadrilateral that could fit characteristics of the side lengths described above. |
| <b>Answer:</b>   | <b>Answer:</b>   | <b>Answer:</b>  | <b>Answer:</b>   | <b>Answer:</b><br><br>Perimeter:<br><br><br><br><br><br><br><br><br><br>Drawing of possible quadrilateral:  |