Directions:

I hope you have a blast making slime while adding and subtracting fractions with unlike denominators! Here is what you will need!

Materials: 2 plastic cups
water
Borax
White Liquid Glue
Food Coloring
Spoons or Sticks to stir
sandwich bags (to store slime)

How this works:

Each step will contain the process to make the slime but it will be missing the measurements. Students will need to figure out the correct measurements by solving either an addition or subtraction problem written on each step. After they have solved the problem, they will take the step and solution to the teacher and if they are correct, the teacher will give them the supplies they need and the next step to work on at their desk.

Super Slime Group 2

Step 1:

Mix_____tablespoon of borax powder with _____ cup of warm water. Make the mixture in one of the cups. **Continue to stir it until the borax is completely dissolved**.

Amount of Borax is equal to: $\underline{\quad}$ $\underline{\quad}$ $2/8 \ + \ \ 4/16 =$

Amount of warm water is equal to:

$3/12 + ¼$ $\underline{\quad}$ $\underline{\quad}$

Step 2:

In a second cup: mix together_____ a cup of glue and_____ a cup of water. This should produce a watery, cohesive solution. **Which means mix it up VERY WELL.**

Amount of Glue is equal to: $\underline{12}/1\underline{6} \ - \ 4/8 \qquad =$

Amount of water is equal to:

$5/10 \ - \ 5/20$ $\underline{\quad}$ $\underline{\quad}$

Super Slime Group 2

Step 3:

Add____drops of food coloring to the watery glue mixture. Choose any color.
The denominator of your fraction answer is the number of drops
Number of drops is equal to the denominator of your answer to: $10/15 - 1/3 =$

— —

Step 4:

Pour the borax solution into the watery craft glue solution, and watch the slime form. Let it set for a couple of minutes. While the solution is setting and forming into slime, complete these problems with your partner:

1) $\dfrac{7}{8} - \dfrac{2}{4} =$

2) $\dfrac{9}{12} - \dfrac{1}{6} =$

3) $\dfrac{2}{3} - \dfrac{8}{12} =$

4) $\dfrac{2}{3} - \dfrac{1}{2} =$

5) $\dfrac{7}{10} - \dfrac{2}{5} =$

6) $\dfrac{3}{4} - \dfrac{3}{5} =$

7) $\dfrac{4}{10} + \dfrac{1}{4} =$

8) $\dfrac{1}{5} + \dfrac{1}{6} =$

spring has sprung!

1. In the middle of the rectangle, draw $12 \times \frac{1}{4}$ trees. _____

2. The tree in the middle has 0.012×10^3 flowers in it. _____

3. The tree on the left has $[(3 + 21) - 4] \div 2$ apples in it. _____

4. The tree on the right has _____ pinecones in it. Round 6.9817 to the nearest tenths place.

5. Draw $\frac{8}{10} + \frac{4}{20}$ shining sun in the right upper corner of the rectangle. _____

6. There are 20×0.2 clouds in the sky._____

7. Place the following decimal numbers in order from least to greatest. The number in the middle tells you how many people to draw in the picture. 2.11; 2.121; 1.0; 0.21; 2.12; 2.0; 0.12_____

8. One person is flying a rhombus-shaped kite.

9. The other person is reading a book that is a regular polygon and a quadrilateral.
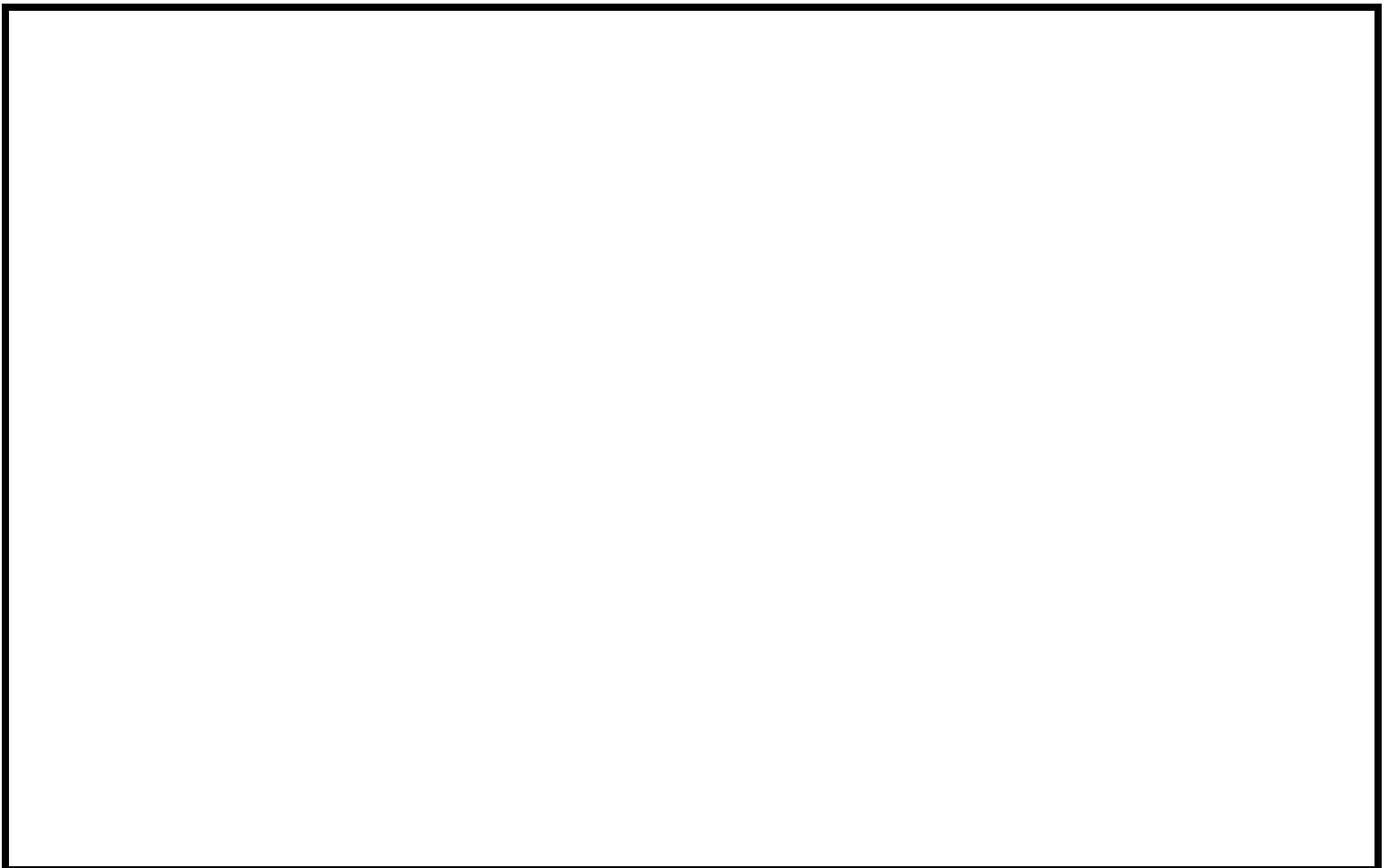
LINEAR MEASUREMENTS
METRIC

1 **Convert the following measurements.**

1) .6 dm =_____ mm   **2)** 7.2 km = _____ m   **3)** 4.2 m = _____ cm

4) 2.8km = _____ m   **5)** 898 km = _____ m   **6)** 9325 cm =_____ m

7) .51 km = _____ dm   **8)** 175 mm =_____dam   **9)** 916 km =_____ m

10) 830 mm = _____dam   **11)** 36 hm = _____ cm   **12)** 2.1 km =_____ cm

13) 916.5 km =_____ m   **14)** 188 cm = _____ m   **15)** 345 dm =_____ km

16) 8.1 dam=_____ cm   **17)** 8921.5 m = _____ cm   **18)** 35.8 m=_____ mm

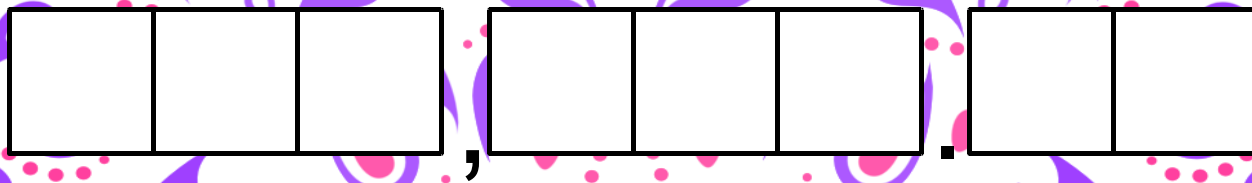**2** **Compare the following measurements using >, < or =.**

1) 9900 cm ◯ 99 m   **2)** 4000 mm ◯ 4 dm   **3)** 5 dam ◯ 4133dm

4) 2.4 km ◯ 2400 mm   **5)** 3.51m ◯ 351 hm   **6)** 34.1m ◯ 34100cm

7) 2341 dam ◯ 2.4 km   **8)** 72hm. ◯ 7200 m   **9)** 1.2km ◯ 1200dm

Place Value Puzzle

Read each clue to help you figure out the eight-digit number.

$$\boxed{}\,\boxed{}\,\boxed{}\,,\,\boxed{}\,\boxed{}\,\boxed{}\,.\,\boxed{}\,\boxed{}$$

1. Multiply 3 by the number of days in a week. Subtract 12 and write your answer in the thousands place.

2. Add 3 to the difference between 5 and 2. Write your answer in the ones place.

3. Divide the number in the thousands place by itself and then multiply the answer by 0. Write your answer in the tenths place.

4. Subtract the number of days in a weekend from the number of days in February (non-leap year). Divide your answer by 2. Subtract the number in the thousands place from that answer. Write your new answer in the hundredths place.

5. Add the numbers from the tenths, hundredths and ones place, and then divide by 2. Write your answer in the tens place.

6. Divide 16 into the number of hours in two days and write your answer in the hundred thousands place.

7. Multiply the number in the hundred thousands place by the number in the thousands place. Subtract 20 from that answer. Write your new answer in the ten thousands place.

8. Subtract the number in the tens place from the number in the ones place. Write your answer in the hundreds place.

ORDER OF OPERATIONS
(parentheses)

Determine what is needed to make the equations true.
Some of the equations need parentheses, while others do not.
Write in parentheses where needed or circle the equations that do not need them.

Ex.
1. $(9 + 7) \times 4 - 12 = 52$

   $16 \times 4 - 12 = 52$
   $64 - 12 = 52$

2. $5 + 8 \times 2 - 4 = 22$

3. $7 - 1 + 55 \div 5 = 17$

4. $5 \times 4 + 9 - 2 = 27$

5. $15 + 8 - 4 \div 2 = 21$

6. $11 + 10 - 4 \times 9 = 65$

7. $7 + 13 + 6 \times 9 = 74$

8. $36 \div 6 \times 2 + 9 = 21$

9. $9 \times 21 \div 3 + 10 = 73$

10. $13 - 4 \times 18 - 22 = 140$

11. $16 + 21 - 3 \times 6 = 19$

12. $43 - 4 \times 4 + 8 = 35$