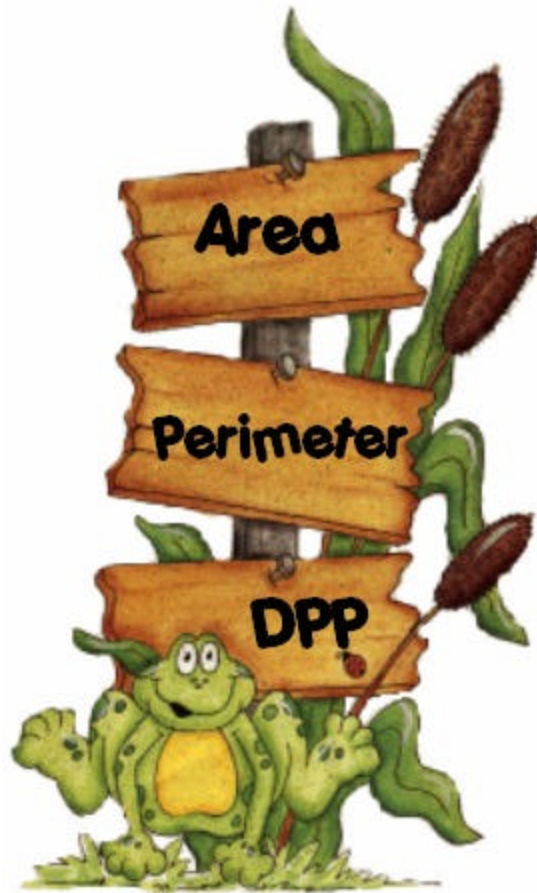


Math Trail blazers



Daily Practice Problems Unit 2

Name: _ _ _ _ _



Passing Time

Answer the following questions in hours and minutes. How much time has gone by from:

- A) 8:00 A.M. to 11:00 A.M.?
- B) 11:00 A.M. to 3:00 P.M.?
- C) 9:45 A.M. to 10:00 A.M.?
- D) 7:10 A.M. to 7:25 A.M.?



Where Does the Time Go?

1. What time is it now?
2. How long has it been since the first bell rang?
3. How long before school will be over?



Units

1. Frank measured his hand length. He forgot to include the unit in his measurement. He just wrote "15." Do you think he measured in centimeters or inches?
2. Which is longer, 15 cm or 15 inches?
3. Find an object that is about 15 centimeters long. What is it?
4. Find an object that is about 15 inches long. What is it?



Could Be or Crazy?

Decide whether each measurement is a “could be” or “crazy” measurement. Explain how you decided.

- A) A professional basketball player is about 80 inches tall-
- B) The screen at the local movie theater is 3 meters long-
- C) The arm span of a teddy bear is 38 cm long-
- D) The arm span of a teddy bear is 39 inches long-



Birthday Party

John’s birthday party will start at 11:00 A.M. and end at 2:30 P.M.

- 1) How long will John’s party last?
- 2) It takes Dave 20 minutes to walk to John’s house. What time should he leave his house so that he will get to the party on time?



Magic Squares or Not?

In a magic square, the sums of the rows, columns, and diagonals are all the same. Which of the following are magic squares? Circle the magic square(s):

9	8	13
14	10	6
7	12	11

40	5	30
15	25	35
20	35	10

11	10	15
16	2	8
9	14	13



Subtraction Practice

1. $92-3=$

2. $92-87=$

3. $71-2=$

4. $43-4=$

5. $41-39=$

6. $72-67=$



Magic Square

Put the digits 1, 2, 3, and 4 in the boxes below so that the sum of every row and every column is 10. Use four 1s, four 2s, four 3s and four 4s.

HINT: Instead of erasing, write four 1s, four 2s, four 3s, and four 4s on little slips of paper and move them around in the boxes until you find a solution.



Extra Subtraction Practice

1. $120-90=$

2. $120-70=$

3. $160-80=$

4. $150-70=$

5. $170-80=$

6. $180-90=$



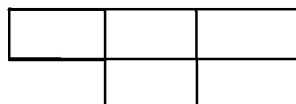
Area and Perimeter

Be sure to include the unit of measurement in your answers.  1 square cm

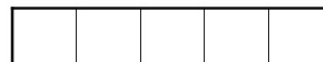
1. What is the area of shape A:

2. What is the area of shape B?

SHAPE A



Shape B



3. What is the perimeter of Shape A?

4. What is the perimeter of Shape B?



More Subtraction Practice

Use mental math to solve the following problems:

1. $101-97=$

2. $412-15=$

3. $565-556=$

4. $306-299=$

5. $153-49=$

6. $215-110=$

7. Explain your strategy for solving #2 ($412-15$)



Perimeter and Area

1. Draw a rectangle that has a perimeter of 18 centimeters. Use only whole numbers for the length and width. Find the area.

 2. Draw a different rectangle that has a perimeter of 18 centimeters. Use only whole numbers for the length and width. Find the area.
-



Subtraction Facts test: Count-Ups

Take the *subtraction diagnostic test Subtraction Facts: Count-Ups* (located on the rainbow table). When you're done please turn it into your file.



Play *Digits Game*

Draw boxes like these on your paper. As your teacher or classmate chooses the digits, place them in the boxes. Try to find the largest sum. Remember that each digit will be read only once. Once you place a digit, it cannot be moved.



Subtraction Facts Test: Count-Backs

Take the subtraction diagnostic test *Subtraction Facts: Count-Backs* (located on the rainbow table). When you're done please turn into your file.



Play *Digits Game* Again

Draw boxes like these on your paper. As your teacher or classmate chooses the digits, place them in the boxes. Try to find the largest difference. Remember each digit will only be read once. Once you place a digit, it cannot be moved.



Subtraction Facts test: Using a Ten

Take the diagnostic test *Subtraction Facts: Using a Ten* (located on the rainbow table). Please put it into your file when you're finished.



Sharing Money

Four children found \$7.00 at the bus stop. They decide to share it equally. How much should each child get?



Subtraction Facts test: Doubles and Others

Take the diagnostic test *Subtraction Facts: Doubles and Others* (located on the rainbow table). Please put it into your file when you're finished.



Timing Your Breathing

Count the number of breaths you take in one minute. How many did you take?

Use this to estimate how many breaths you have taken in the past hour.



Change

Tom bought a candy bar for \$0.45. He paid for it with a dollar bill. How much change should he get in return? SHOW YOUR WORK!



Books, Books, Books

- A) About how many books (including text books) are in the room right now?
 - B) About how many pages are in all the books in the room right now?
 - C) About how many books are in the school library?
-



Timing reading

It takes Jackie 20 minutes to read a chapter in her book. How many chapters can she read in two hours, if all the chapters are about the same length?



Handshakes

Five people arrive at a party. They all shake hands with each other. How many handshakes are there in all?

It might be helpful to draw a picture, make a chart or act out the handshaking.

Answer the same problem for another number of people.

_____ people arrive at a party and shake hands with each other. How many handshakes are there in all?



As Time passes

1. Name two times on the clock when the hands form a right angle.
 2. Name one time on the clock that forms an acute angle.
 3. Name one time on the clock that forms an obtuse angle.
-



Time Keeps Passing

Use the clock face in your classroom to answer the following questions.

- 1) How many degrees does the minute hand turn: from 2:45 to 3:00?
 - 2) How many degrees does the minute hand turn: from 2:45 to 3:15?
 - 3) Estimate the number of degrees the minute hand turns: from 2:45-2:55
 - 4) Estimate the number of degrees the minute hand turns: from 2:45 to 2:50
-



More Subtraction Practice Again

1. $90-50=$

2. $110-40=$

3. $130-50=$

4. $100-30=$

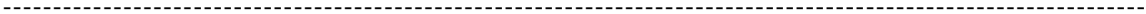
5. $140-60=$

6. $160-70=$



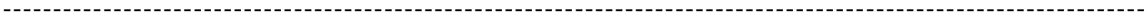
Find a Shape

Using square-inch tiles, find a shape that has a perimeter of 16 inches. Make a sketch below and label it with its area.



Karl's Age

Karl's grandfather is 64, which is twice as old as Karl's father. Karl is 25 years younger than his father. How old is Karl?



Angles in Letters

1. Look at the following letters. What kinds of angles do you see in each: acute, obtuse or right angles?

T E A M

2. Write your first name in block letters like those shown above. Describe the angles you see.