Name: 4th grade math

x	3	4	5	6	7	8	9	10	11	12
7									77	
9				54						
4			20							
6						48				
12					84					

Pete the Penguin waddled 2.5 feet from his nest. How many inches did he travel?

List the first three multiples of 5.

____ ____ ____

$$\begin{array}{r} 33 \\ +\ 21 \\ \hline \end{array}$$

What are 19 tens equal to?

_____

Fill in the missing fractions.

$\frac{1}{5}$, ____ , $\frac{3}{5}$, ____

$$\begin{array}{r} 10 \\ \times\ 4 \\ \hline \end{array}$$

Would you use a ruler or a yardstick to measure the length of your shoes?

_____

What is a good estimate for 9 times 632?

_____

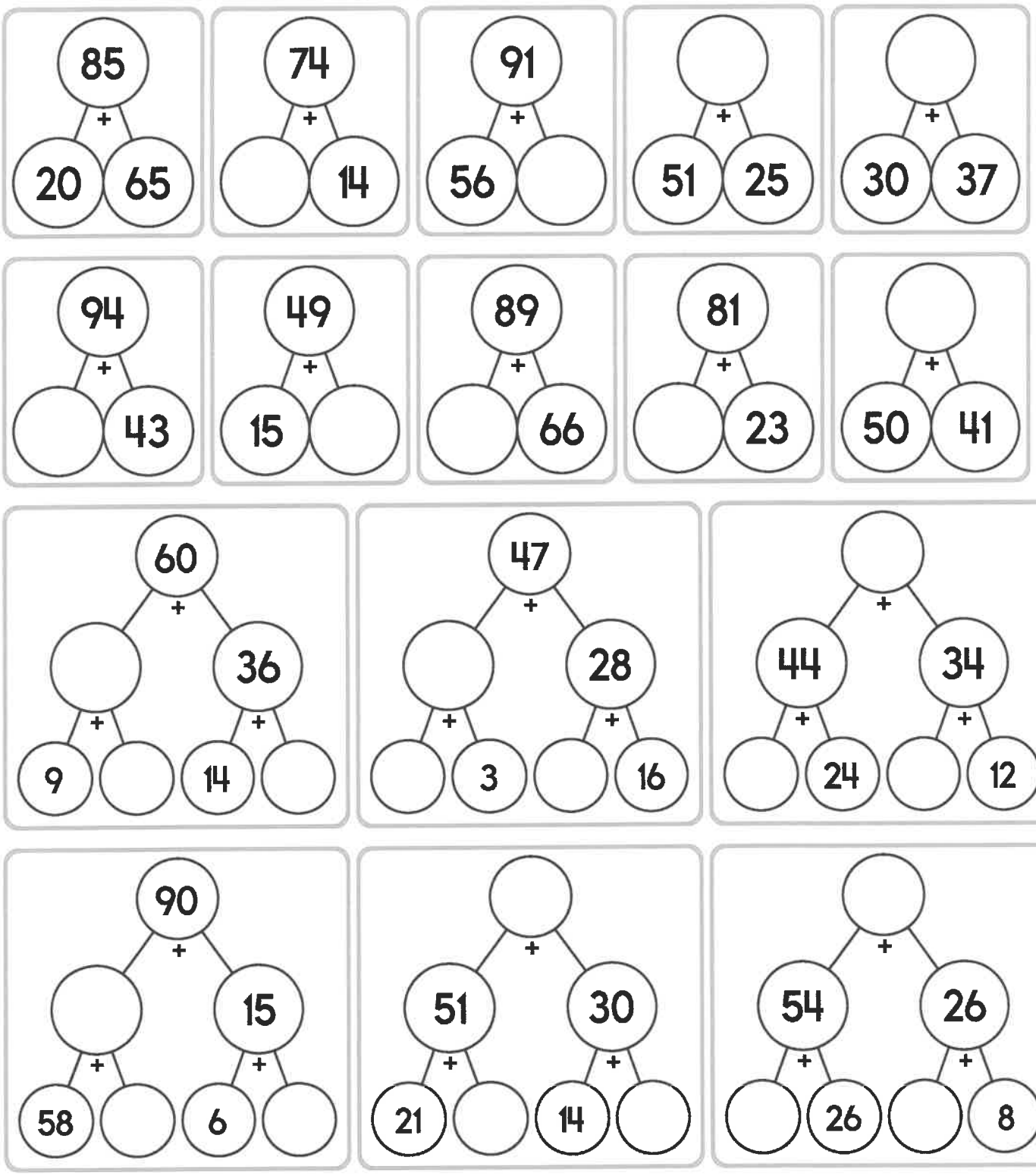
$$\begin{array}{r} 9 \\ \times\ 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ \times\ 3 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ \times\ 5 \\ \hline \end{array} \qquad \begin{array}{r} 10 \\ \times\ 6 \\ \hline \end{array}$$

Write two odd numbers that when added together equal the even number 18.

_____

Name: _____



Subtract 67 from 430.

$$\begin{array}{r} 735{,}526 \\ -\ \ 7{,}781 \\ \hline \end{array}$$

$$\begin{array}{r} 305 \\ +\ 370 \\ \hline \end{array}$$

Name: _____

Anna is getting married in June. She wants to buy flowers for her bridesmaids to carry. The flowers will cost $17.91 for each bridesmaid. If she has six bridesmaids, how much will the flowers for them cost?

Mr. and Mrs. Walker are flying to Madagascar to visit their cousins. They have to be at the airport by 7:36 a.m. It will take them 52 minutes to drive there. It is 4:21 a.m. now. How long do they have before they must leave for the airport?

Ava drew three squares side-by-side. Each square has the same perimeter of 20 centimeters. What is the perimeter of the larger rectangle created by the three squares?

A number less than 7 has some factors. Two of its factors are 4 and 2. Can you name at least one number that fits this?

word root **hemi** can mean **half** **hemisphere**

Name: _____

$$\begin{array}{r} 146 \\ -\ 92 \\ \hline \end{array}$$

double 90

How many hours are there from 9 a.m. to 7 p.m.?

6 + 2 - 6 + 1

$$\begin{array}{r} 59 \\ +\ 6 \\ \hline \end{array}$$

Write this number:
4 tens, 7 ones

Write as a decimal.
Three and seven hundredths

Write as a decimal.
Fourteen and two tenths

Write as a decimal.

$16\frac{72}{100}$

double 42 =

B, G, L, _____, V

What is the sum of 10 and 446?

How many total legs are on 20 chickens.

___ ÷ 11 = 6

The number 42 is more than the number 7 by how much?

Name: _____

Draw a line to match each problem with the same answer.

$\frac{7}{100}$	●	●	six hundredths
$\frac{6}{100}$	●	●	nine and sixty-seven hundredths
$6\frac{86}{100}$	●	●	$\frac{3}{10}$
five hundredths	●	●	seven hundredths
$2\frac{92}{100}$	●	●	$\frac{5}{100}$
six and eighty-six hundredths	●	●	two and ninety-two hundredths
three tenths	●		
$9\frac{67}{100}$	●		

Draw a small clock that shows 5 minutes to 8:00.

You have a playdate in 120 minutes. How many hours is that?

100, _____, 140, 160, 180, 200, 220

$40 \div \_\_\_ = 8$

Draw a small clock that shows 20 minutes past 8:00.

Round 166 to the nearest ten.

edHelper

Name: _____

Spin again.

I needed to spin _____ time(s) to finish.

2 more than 672	double 200	If you know 79 + 30 = 109 Then what is 79 + 28?
7 - 1 + 2	B, J, C, _____, D, L, E, M, F, N	6 less than 846
There are 4 groups of 7 rocks. How many rocks?	Write the number that is one ten less than 5,207.	9 x 5 + 12
707 + 6 =	40 ÷ 8 =	Is 759 closer to 700 or 800?

Name: _____

Find 2 equations hidden in each box. Good luck!

9 x 9

40

2 + 8

16

5 x 8

1 x 2

6 x 1

3 x 3

64

54

63

42

7 x 6

14

9 x 5

Write 2 equations: _____ _____

0

17

7 x 6

8 + 9

30

3 x 9

12

3 x 1

3 + 1

9 - 1

1

48

11

16

8 x 4

4

9 - 3

Write 2 equations: _____ _____

3

4 x 7

1 + 4

63

11

7

6 x 8

24

7 - 7

8 x 3

7 x 3

14

28

1 x 2

8 + 8

Write 2 equations: _____ _____

Name: _____

8 = 2 x 4	4 = ___ x 2	24 = ___ x 4	35 = 5 x ___
15 = 5 x ___	21 = ___ x 3	21 = 7 x ___	4 = 2 x ___

32 ÷ ___ = 8	___ ÷ 6 = 6	___ ÷ 5 = 7
15 ÷ ___ = 5	___ ÷ 8 = 3	32 ÷ ___ = 4
18 ÷ ___ = 6	___ ÷ 5 = 8	___ ÷ 3 = 2
___ ÷ 4 = 6	8 ÷ ___ = 4	63 ÷ ___ = 7

12 ÷ 4 =	72 ÷ 9 =	28 ÷ 7 =
6 ÷ 3 =	18 ÷ 2 =	15 ÷ 3 =
8 ÷ 2 =	25 ÷ 5 =	64 ÷ 8 =
28 ÷ 4 =	63 ÷ 7 =	54 ÷ 6 =

Name: _____

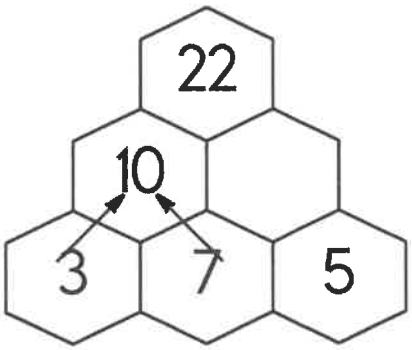
9 ÷ 3 =	32 ÷ 8 =	16 ÷ 8 =
12 ÷ 3 =	18 ÷ 9 =	12 ÷ 6 =
14 ÷ 7 =	25 ÷ 5 =	36 ÷ 4 =
49 ÷ 7 =	27 ÷ 9 =	21 ÷ 7 =

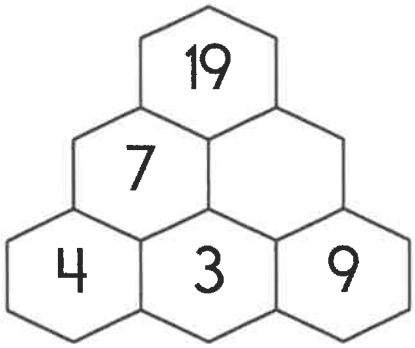
$6\overline{)24}$	$7\overline{)63}$	$6\overline{)18}$	$5\overline{)20}$
$7\overline{)35}$	$2\overline{)4}$	$8\overline{)48}$	$4\overline{)12}$
$3\overline{)15}$	$3\overline{)24}$	$6\overline{)30}$	$5\overline{)40}$

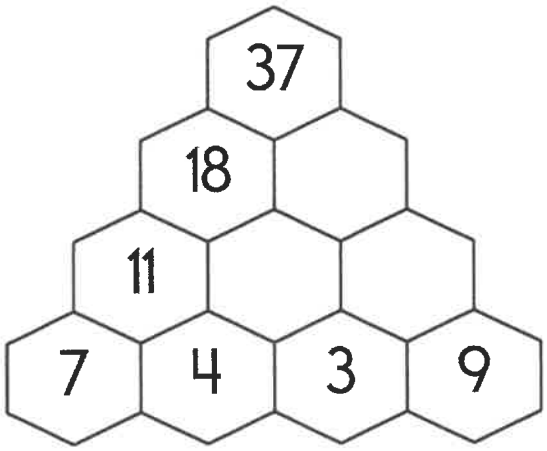
___ ÷ 7 = 8	___ ÷ 2 = 2	12 ÷ ___ = 4
25 ÷ ___ = 5	___ ÷ 5 = 8	28 ÷ ___ = 4
___ ÷ 5 = 6	35 ÷ ___ = 7	___ ÷ 8 = 4
8 ÷ ___ = 2	___ ÷ 2 = 4	20 ÷ ___ = 5

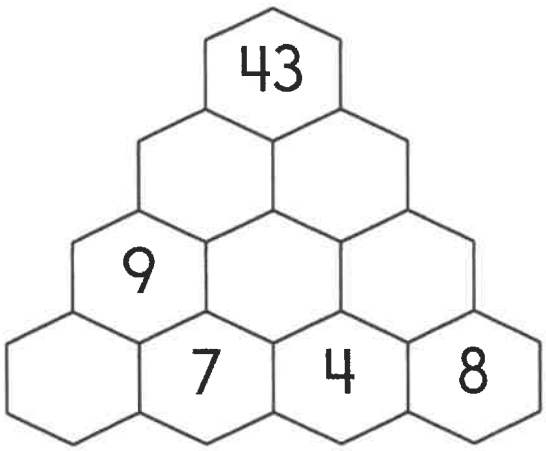
Name: _____

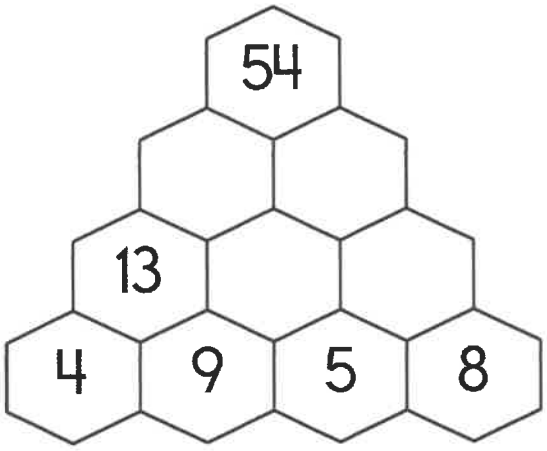
Fill in the blanks by adding the two numbers below each hexagon.

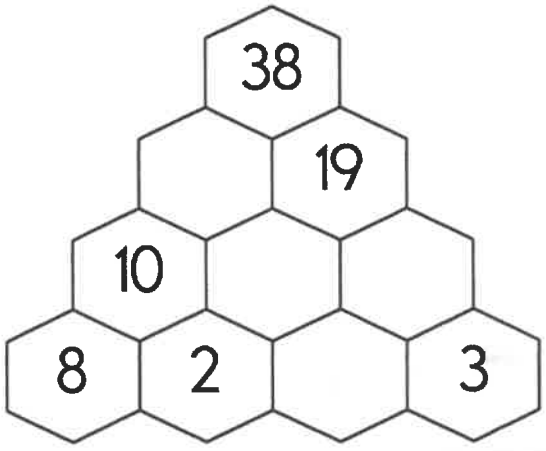












Draw a small clock that shows 5 minutes past 8:00.

Is 27 a composite or a prime number?

Mary bought a pack of six waters. It cost $3.06. How much did each water cost?

Name: _____

Rose worked on a quilt on Quiet Day. The quilt is 5 feet long and 4 feet wide. What is the area of the quilt?

Eric made a scale model of a log cabin. The scale was 1" = 10'. If his model was 5.4 inches long, how long was the real log cabin?

Hunter tried to write out the number for 20,400,061. He wrote two million forty thousand sixty-one. Is anything wrong?

Lucas is 1 year younger than Holly. Sara is 5 years older than Lucas. Alex is 9 years younger than Sara. Lucas is 18 years old.

How old is everyone else?

Name: _____

106 − 57	87 − 64	77 + 19	56 + 68	74 + 59	106 − 53
37 + 58	58 + 71	111 − 48	90 + 34	148 − 51	85 − 41
126 − 62	52 + 21	29 + 49	92 + 10	114 − 49	175 − 88
116 − 93	44 + 73	66 + 23	126 − 45	29 + 68	50 − 23
76 − 15	71 + 87	172 − 74	15 + 49	50 + 88	140 − 48
125 − 95	62 + 13	14 + 26	59 + 84	85 − 68	108 − 87
102 − 25	155 − 58	48 + 50	30 + 66	97 − 51	32 + 11

1 + 4 = □

□ + 4 = 8

□ + 2 = 9

□ + 7 = 14

□ + 5 = 23

23 + □ = 30

□ + 7 = 14

□ − 9 = 19

28 − □ = 24

24 + □ = 31

31 − □ = 27

MATH SCAVENGER HUNT

Look in a magazine or newspaper!

Number written in word form	Table of data	Time	Bar graph	Line graph or timeline
Polygon	Temperature	Date	Fraction	Number greater than 1 million
Price with dollars and cents	Percentage	FREE SPACE	Decimal greater than 1	Negative number
Circle graph	Line longer than 2 inches	Pattern	Mixed number	Recipe
Height & length	A unit of measure	Coupon	Price	

Life in Color

Directions: Read *The Problem in Math* and use details from the text to answer the questions found on the board game.

The Problem in Math

"Dan, I need to speak to you after class," the teacher said quietly to the young student. She then continued on with her lesson while Dan nervously pretended to not know why. He knew exactly why; he was failing this class. As the bell rang and all the kids filtered out into the hallway, Dan walked over to the teacher's desk.

"Dan, I'm sure you know your grades are not that great right now. If you don't bring your grade up, you might have to attend summer school," his teacher told him.

Dan groaned in his head at the thought of spending his free time at school.

"We have an upcoming project that requires partners. I'd like for you to find a good partner that can help you. This project is worth 20% of your overall grade," his teacher continued.

"Okay, Mrs. Walker. Thanks for letting me know ahead of time about the project," he told her as he began to run through names in his head of who he could ask.

After a little bit of thought, he decided to ask Phil. Phil was a quiet kid who sat in the back of his math class and excelled in most subjects. Dan approached him the next day.

"Would you like to be my partner in math class for this project that we have to do?" Dan asked him casually.

Phil looked around nervously, as if Dan was talking to someone else. "Me?" he asked, slightly shocked.

"Sure, do you want to be my partner or not? You seem to be good at math and I could use the help."

Phil nodded in agreement and acceptance. "Okay. Meet me in the library during lunch and we can start on it."

During lunch, Phil and Dan sat in silence in the library, each working on his own portion of the project. Dan soon stumbled across a problem that he didn't understand.

"Uh, Phil, do you know how to work this?" Phil jumped at the sudden interruption of silence, but leaned over and began showing Dan how to solve the problem. It made so much more sense to Dan when Phil explained it. He began to feel like a fool for not getting it at first. Dan then invited Phil over to his house the next day to finish the project.

The next day, they sat in Dan's living room and worked on the project, making an occasional joke here and there. They quickly realized how much they had in common. They found themselves finished with the project quicker than they thought and talking about Mario Kart and Sims 4.

When they arrived at school the next day, Phil carried the project as Dan chatted about some plans he wanted to them to do over the weekend. They walked into math class and sat the project down. The teacher greeted them as the other students began to file into the classroom.

Everyone presented their projects one by one. Dan and Phil then went up to present, and as Dan talked about his part, the teacher seemed very impressed. When they finished, the class clapped and Dan felt very proud of the work he and Phil had done. The teacher walked over to Dan's desk at the end of class and gave him a pat on the back.

"I'm proud of you, Daniel. You just needed a little push, and I'm glad Phil could help you."

They both received an A on the project the next day, and they now partner together for every project, as well as spend their weekends playing Mario Kart.

Start

What was Dan's problem?

Create a question about this story.

Why did Dan groan inside his head while speaking with his teacher?

What does the author mean when he/she says the students "filtered out into the hallway"?

What advice does Dan's teacher give him?

Roll again.

Why did Dan choose to ask Phil to be his math partner?

Why do you think Phil was shocked when Dan asked him to be his partner?

Go back one space.

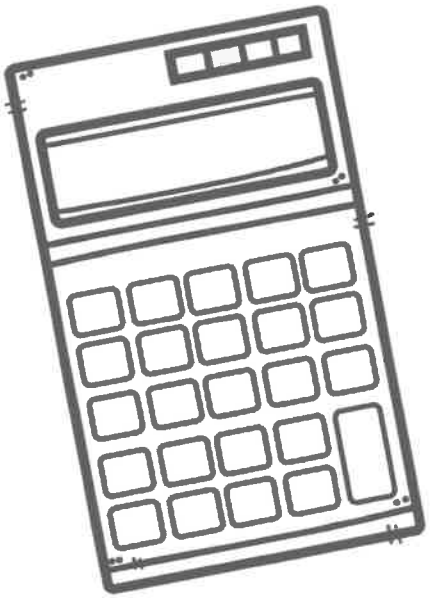
Based on what you read, do you think Dan will need to attend summer school now? What evidence supports your thinking?

What evidence from the story supports the idea that Dan and Phil remained friends after completing the project?

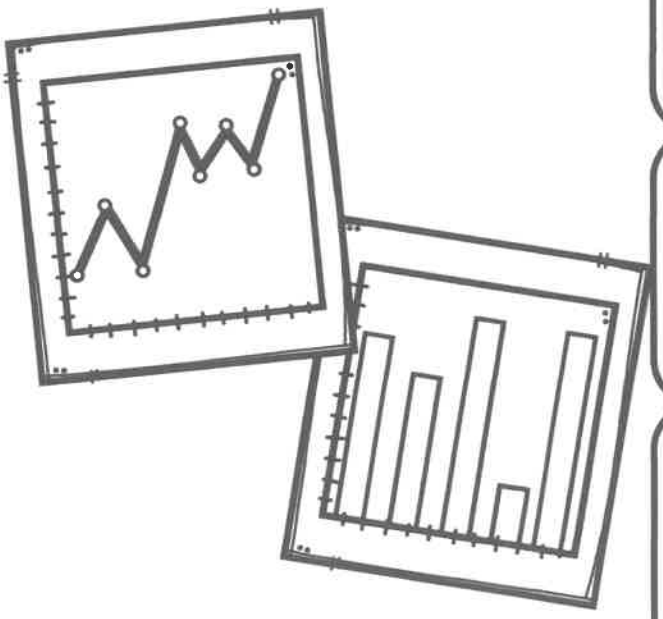
What evidence from the text shows the reader that Phil was helping Dan understand the math?

What is a possible theme for this story?

Finish



Directions: Roll a dice and move that many places. Use *The Problem in Math* to answer the questions.



Recording Sheet: *The Problem in Math*

Name: _____ Date: _____

Question	Answer
What was Dan's problem?	
Why did Dan groan inside his head while speaking with his teacher?	
What does the author mean when he/she says the students "filtered out into the hallway"?	
What advice does Dan's teacher give him?	
Why did Dan choose to ask Phil to be his math partner?	
Why do you think Phil was shocked when Dan asked him to be his partner?	
What evidence from the text shows the reader that Phil was helping Dan understand the math?	
What is a possible theme for this story?	
Based on what you read, do you think Dan will need to attend summer school now? What evidence supports your thinking?	
What evidence from the story supports the idea that Dan and Phil remained friends after completing the project?	

Answer Key: *The Problem in Math*

Question	Example Answer
What was Dan's problem?	Dan was not doing well in math. He was failing or on the verge of failing.
Why did Dan groan inside his head while speaking with his teacher?	He did not want to attend summer school.
What does the author mean when he/she says the students "filtered out into the hallway"?	The students walked out into the hallway.
What advice does Dan's teacher give him?	She advises him to find a good partner for an upcoming math project.
Why did Dan choose to ask Phil to be his math partner?	Dan chose to ask Phil because he does well in all subjects, and he probably thought he would be a good partner.
Why do you think Phil was shocked when Dan asked him to be his partner?	Phil may be shy since the story said he was quiet and was nervous when Dan asked.
What evidence from the text shows the reader that Phil was helping Dan understand the math?	"It made so much more sense to Dan when Phil explained it."
What is a possible theme for this story?	Working together pays off. It is okay to ask for help.
Based on what you read, do you think Dan will need to attend summer school now? What evidence supports your thinking?	No, because the story said he partnered with Phil for every project after working with him initially.
What evidence from the story supports the idea that Dan and Phil remained friends after completing the project?	"... as well as spend their weekends playing Mario Kart."