

Dear Parents,

A partnership between parents and teachers is key for a student's success in school! Please participate in this weekly assignment by working with your child to answer these five math problems. The key is to work together, but let your child lead the way! When complete, fill out the comment box below and let me know how you both did!



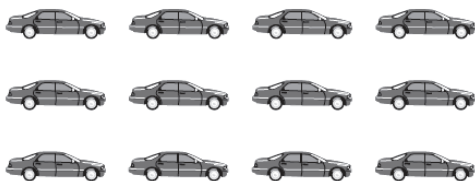
1.) Luke made trail mix using $\frac{1}{6}$ pound of each of the following: walnuts, almonds, raisins, peanuts, sunflower seeds and M&M's. What is the total weight of the trail mix? Show your work.

2.) A total of 113 people signed up to take tennis lessons at the recreation center. Five people can have lessons every hour. How many hours are needed for everyone to have a lesson? Explain your answer and show your work.

3.) A club charges \$26 for a one-year membership. The club has 62 members. How much does the club collect in membership fees each year? Show your work.

4.) There are 11,510 seats in the basketball arena. For one game, 9,465 seats were filled. How many seats were empty? Show your work.

5.) Lisa had a set of 12 toy cars.



Then she gave her sister 3 cars. What fraction of Lisa's set did Lisa give to her sister?

(This is a question from the released practice 4th grade EOG!)

- A $\frac{3}{4}$ C $\frac{2}{3}$
B $\frac{1}{4}$ D $\frac{1}{3}$



What was your child successful with?

What did your child struggle with?

Comments:

I worked with my child on these problems

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1.) A wooden board is 25 inches long before it is cut into short equal pieces. That is 5 times as long as each short piece. How long is each **short** piece? Show your work.

2.) The floor in Jimmy's tree house is in the shape of a square. Each side of the floor is 15 feet. What is the perimeter of Jimmy's tree house? Show your work.

3.) How many hundredths are in the decimal 1.73?

4.) Catalina decorated each of 5 shoeboxes with $\frac{1}{5}$ foot of ribbon. How many feet of ribbon did she use in all? Show your work.

5.) The High Bridge in Kentucky is 1,125 feet long. The Brooklyn Bridge in New York is 4,864 feet longer than the high bridge. What is the length of the Brooklyn Bridge? Show your work.

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1.) What number between 48 and 58 is a prime number?

2.) Mrs. Harper ordered 3 different colors of markers.

-she ordered 25 of each color marker.

-She also ordered some pencils.

-She ordered 3 times as many pencils as markers.

How many pencils did Mrs. Harper order?
(This is a question from the released 4th grade EOG!)

3.) An auditorium has 68 rows of seats. There are 56 seats in each row. How many seats are there in all? Show your work.

4.) Jamal did $\frac{2}{8}$ of his chores before lunch. He did another $\frac{3}{8}$ of his chores after lunch. What fraction of his chores did he finish? Show your work.

5.) For a park cleanup, there were 6 volunteers on each team. There were 4 teams. How many volunteers helped clean up the park? Show your work.

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1.) A store had 135 customers in the morning and 884 customers in the afternoon. About how many more customers did the store have in the afternoon than in the morning? Show your work.

2.) Hiro brushes his teeth 3 times each day. How many times will he brush his teeth in a month with 31 days? Show your work.

3.) Malik bought a notebook for \$3.29. He paid with a \$5 bill. How much change should Malik receive from the cashier? Show your work.

4.) There are $3\frac{1}{4}$ pints of ice cream in the freezer. Tori ate $\frac{3}{4}$ pint. How much ice cream is left? Show your work.

5.) Diana ran 0.8 mile in 5 minutes. What is 0.8 written as a fraction?

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1.) A resort vacation for two people costs \$1,577. To the nearest hundred dollars, about how much does the trip cost? Show your work.

2.) This week Doreen baked 48 muffins. That was 6 times as many muffins as she baked last week. How many muffins did Doreen bake last week? Show your work

3.) The math team went to the aquarium to do research. Each team member paid \$12 for the trip. There were 25 team members on the trip. What was the total amount the team members paid? Show your work.
(This is a question from the released practice 4th grd EOG!)

4.) Manny spent $\frac{2}{6}$ hour reading and $\frac{3}{6}$ hour studying for his math quiz. How long did Manny spend reading and studying for the quiz? Show your work.

5.) A stadium can hold 20,000 people when it is full. Below shows the number of people that attended concerts at the stadium over a 3-day period.

Friday- 17,563

Saturday-18,126

Sunday-16,618

If the stadium had been full for each of the concerts, how many more people would have attended the concert over the same 3-day period? Show your work.

(This is a question from the released practice 4th grd EOG!)

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1.) What fraction of the circle is shaded?

(This is a question from the released practice 4th grade EOG!)



A $\frac{1}{4}$

C $\frac{2}{4}$

B $\frac{2}{6}$

D $\frac{6}{8}$

2.) Shelli is trading in 750 tickets that she won at the arcade for 6 toy bracelets. Each bracelet costs the same number of tickets. How many tickets does each bracelet cost?

3.) Ms. Henley wrote these numbers on the board.

14, 29, 32, 47, 55, 64

Which numbers are prime numbers? Explain your answer.

4.) Ben had 2 boxes of blocks. Each box had 100 blocks. He built a tower with $\frac{1}{5}$ of the blocks. How many blocks did Ben use to build the tower? Show your work.

(This is a question from the released practice 4th grade EOG!)

5.) In the first week of August, 4,784 people visited a water park. To the nearest hundred, about how many people visited the water park in the first week?

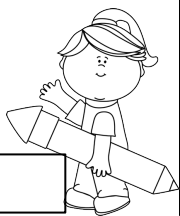
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****ALL QUESTIONS ARE FROM THE RELEASED EOG FOR PRACTICE!****



1.) Kim had 120 cards in a box. She gave $\frac{6}{10}$ of the cards to Maddy. How many cards did Kim have left in the box?

2.) There are 28 white ducks swimming in a pond.
-Twice as many brown ducks flew in and landed in the pond.
-Then half of the white ducks flew away.

How many ducks remained in the pond?

3.) The planet Mercury measures 4,879 kilometers from one side to the other. Earth measures 12,756 kilometers from one side to the other. What is the difference between the two measures?

4.) Julie used $12\frac{3}{4}$ gallons of water on her garden on Monday. She used $15\frac{1}{4}$ gallons of water on Tuesday. What is the total amount of water Julie used to water her garden on Monday and Tuesday.

5.) There were 4,536 people at the carnival. Each person bought 8 tickets. How many tickets were bought at the carnival?

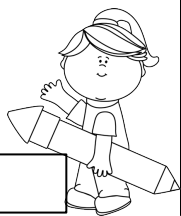
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1.) What is the value of N in the equation below?

$$4 \times \frac{3}{4} = N$$

A $\frac{12}{16}$

C 3

B $\frac{7}{4}$

D 4

3.) Which fraction is equivalent to $\frac{75}{100}$

A $\frac{3}{4}$

C $\frac{1}{3}$

B $\frac{3}{6}$

D $\frac{1}{4}$

2.) Mark and Leonard went bird-watching. Leonard saw 4 times as many red birds as Mark. Leonard saw 28 birds. Which equation could be used to find how many red birds Mark saw (n)?

A $4 \times 28 = n$

C $4 + 28 = n$

B $28 - 4 = n$

D $28 \div 4 = n$

4.) What are the next three numbers in this pattern?

6,000, 6,003, 6,009, 6,018, 6,030, 6,045

5.) Sue has 10 gallons of water. How many quarts of water does she have?

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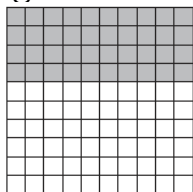
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1.) Which decimal is less than the fraction shaded in the grid below?



- A 0.46 C 0.36
- B 0.50 D 0.40

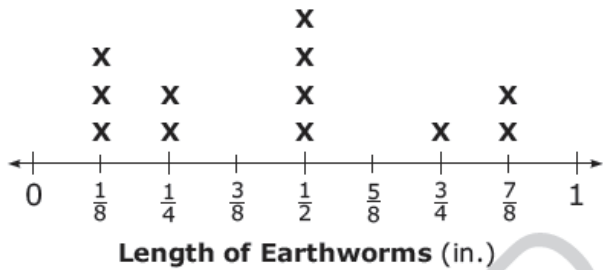
2.) Addie got to the park at 7:45, while she was there, she walked her dog for 35 minutes and played for 15 minutes. At what time did Addie leave the park?

3.) The lengths and widths of four rectangles are shown below. Which rectangle has a perimeter of 20 feet?

- A.) length=10 ft, width=10 ft
- B.) length= 9 ft, width=1 ft
- C.) length= 7 ft, width 2 ft
- D.) length= 5 ft, width 2 ft

4.) A hallway is 9 yards long. How many inches long is the hallway?

5.) Using the figure, what is the difference in length between the longest earthworm and the shortest earthworm?



- A $\frac{1}{4}$ in. C $\frac{6}{8}$ in.
- B $\frac{1}{2}$ in. D 1 in.

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