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Math Activities

Grade 3, Week 4

By *Kristina Grant*

Use this packet of activities to help children practice their Math skills.

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Kristina Grant

Kristina Grant is an enthusiastic educator with a Masters of Education degree in Elementary Education who has a passion for creating a constructive learning culture. Her classroom management methods paired with her curriculum-conscious techniques allow her students to flourish socially, emotionally, and academically. She shares her ideas of combining math and SEL with teachers as a national presenter. Kristina develops curriculum and classroom materials for teachers to use to create a caring classroom climate while also adhering to the standards.

Day 1

Examine each number and round to the nearest ten.

1.

84

_____

2.

902

_____

3.

6,514

_____

4.

3,028

_____

5.

90,357

_____

6.

57,194

_____

7.

101,481

_____

8.

375,826

_____

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Examine each number and round to the nearest hundred.

1.

392

_____

2.

485

_____

3.

3,749

_____

4.

5,910

_____

5.

78,031

_____

6.

49,376

_____

7.

832,490

_____

8.

845,637

_____

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Examine each problem and write your answer in the space provided.

1. What does it mean to round the number 67,352 to the nearest ten? Explain the meaning of rounding and how you would solve the problem.

_____

_____

_____

_____

2. Why is rounding important? When is a time that you might use rounding in the real world?

_____

_____

_____

_____

3. Sarah found 624 strawberries on her grandfather's farm. About how many strawberries did Sarah find (round to the nearst ten)?

_____

4. Michael planted 285 carrots in his vegetable garden. Round the number of carrots that Michael planted to the nearest hundred.

_____

5. Tory's Tire Stop ordered 1,845 tires. Tory wants to find how many tires she ordered to the nearest ten.

_____

6. Alisha and her team cooked 16,945 pancakes for the local food kitchen. How many pancakes did Alisha and her team cook for the food kitchen to the nearest hundred?

_____

Day 2

Examine each problem and solve to find the estimated sum.

1. Estimate to the nearest ten.

$$845 \longrightarrow \underline{\hspace{3cm}}$$
$$+ 382 \longrightarrow$$
$$\underline{\hspace{3cm}}$$

2. Estimate to the nearest hundred.

$$775 \longrightarrow \underline{\hspace{3cm}}$$
$$+ 290 \longrightarrow$$
$$\underline{\hspace{3cm}}$$

3. Estimate to the nearest hundred.

$$1,324 \longrightarrow \underline{\hspace{3cm}}$$
$$+ 947 \longrightarrow$$
$$\underline{\hspace{3cm}}$$

4. Estimate to the nearest ten.

$$2,048 \longrightarrow \underline{\hspace{3cm}}$$
$$+ 594 \longrightarrow$$
$$\underline{\hspace{3cm}}$$

5. Estimate to the nearest ten.

$$9,382 \longrightarrow \underline{\hspace{3cm}}$$
$$+ 8,307 \longrightarrow$$
$$\underline{\hspace{3cm}}$$

6. Estimate to the nearest hundred.

$$3,954 \longrightarrow \underline{\hspace{3cm}}$$
$$+ 2,689 \longrightarrow$$
$$\underline{\hspace{3cm}}$$

Day 2 (continued)

Examine each problem and solve to find the estimated difference.

1. Estimate to the nearest ten.

$$682 \longrightarrow \underline{\hspace{2cm}}$$
$$-\ 453 \longrightarrow \underline{\hspace{2cm}}$$

2. Estimate to the nearest hundred.

$$904 \longrightarrow \underline{\hspace{2cm}}$$
$$-\ 845 \longrightarrow \underline{\hspace{2cm}}$$

3. Estimate to the nearest hundred.

$$3,492 \longrightarrow \underline{\hspace{2cm}}$$
$$-\ \ 788 \longrightarrow \underline{\hspace{2cm}}$$

4. Estimate to the nearest ten.

$$4,055 \longrightarrow \underline{\hspace{2cm}}$$
$$+\ \ 692 \longrightarrow \underline{\hspace{2cm}}$$

5. Estimate to the nearest ten.

$$8,722 \longrightarrow \underline{\hspace{2cm}}$$
$$-\ 6,347 \longrightarrow \underline{\hspace{2cm}}$$

6. Estimate to the nearest hundred.

$$5,073 \longrightarrow \underline{\hspace{2cm}}$$
$$-\ 3,492 \longrightarrow \underline{\hspace{2cm}}$$

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Examine each problem and solve it in the space provided.

1. Explain how you would estimate the difference of 983 − 225. Round to the nearest ten.

_____

_____

_____

_____

2. Explain how you would estimate the sum of 1,093 + 893. Round to the nearest hundred.

_____

_____

_____

_____

3. Sasha found 165 flowers in the field. Sammy found 245. About how many flowers did Sasha and Sammy find in all to the nearest ten?

_____

4. Taylor hiked 1,845 miles last year. This year, she hiked 2,841 miles. How many more miles, to the nearest hundred, did Taylor hike this year than last?

_____

5. Rachel went to the softball fields last weekend. She purchased a box of 205 softballs to have thrown. If she has already hit 163 softballs, how many more softballs remain, to the nearest ten?

_____

6. Alex collected 672 seashells on the beach. Charlie collected 545 sheashells. Estimate the total number of seashells found to the nearest hundred.

_____

Day 3

Read each problem. Then, draw a strip diagram and solve the problem in the space provided.

1. Judith made 167 cookies. Henry made 45 cookies. How many cookies were made in all?

2. Kate went shopping and spent $65 on a new jacket, $89 on a new pair of shoes, and $10 on a necklace. How much money did Kate spend?

3. Matthew shot 56 goals on Friday and 143 on Sunday. What was the total amount of goals that Matthew shot?

4. Rodney's dad is 48 years old. Michelle's dad is 38 years old, and Trevor's dad is 42 years old. What is the total age of Rodney's, Michelle's, and Trevor's dads?

5. Xavier earned $307 last month working. This month he earned $438 working. How much money did Xavier earn in both months?

6. Alex swam 37 laps on Monday, 59 on Tuesday, and 48 on Wednesday. How many laps did Alex swim in all?

Day 3 (continued)

Read each problem, write an equation to represent the problem, and then solve it.

1. Wyatt ordered 45 stamps in the mail. He then put in another order for 37 stamps. How many stamps did Wyatt order in all?

   Equation: _____

   Answer: _____

2. Nancy shopped for 2 new pairs of shoes. She found a pair of sandals for $45 and a pair of heels for $89. If Nancy purchased both pairs of shoes, how much money did she spend?

   Equation: _____

   Answer: _____

3. Meggy went to the store and purchased 54 pounds of rocks. She went back to the store and purchased 32 more pounds of rocks. How many pounds of rock did Meggy purchase?

   Equation: _____

   Answer: _____

4. Blake collected 422 cans for his school fundraiser on Monday. On Tuesday, he collected 129 cans, and he collected 523 cans on Wednesday. How many cans did Blake collect in all?

   Equation: _____

   Answer: _____

5. Margret found 138 seashells on the beach. Gloria found 111 seashells, and Tammy found 202 seashells. How many seashells did Margaret, Gloria, and Tammy find?

   Equation: _____

   Answer: _____

6. Pedy planted potatoes in his backyard. After 4 weeks, 75 of the potatoes sprouted. After 6 weeks, the remaining 67 potatoes sprouted. How many potatoes did Pedy plant in all?

   Equation: _____

   Answer: _____

Day 3 (continued)

Read each problem. Then, draw a strip diagram and solve the problem in the space provided.

1. Travis earned $487 doing yard work last month. If Greg earned $139 less than Travis, how much money did Greg earn?

2. Cassidy baked 124 brownies for the neighborhood party. If 85 of the brownies were eaten, how many brownies remain?

3. Mandy made $300 at her lemonade stand. She purchased a new iPod for $178. How mucn money does Mandy have left?

4. Peggy had 299 feet of ribbon. She made 105 bows that used a total of 245 feet of ribbon. How much ribbon does Peggy have remaining?

5. Lydia restocked the limes at the grocery store. She put out 500 limes. At the end of the day, only 164 limes remained. How many limes were sold?

6. Harriet weighs 123 pounds. Her younger brother Justin weighs 39 pounds less than her. What is Justin's weight?

Read each problem, write an equation to represent
the problem, and and then solve it.

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1. Shirley went shopping with $250. She spent $114 on a new dress. How much money does Shirley have left to spend?

   Equation: _____

   Answer: _____

2. Nicole needed to dig 75 holes on her ranch. She already dug 48. How many holes does Nicole have left to dig?

   Equation: _____

   Answer: _____

3. Cole needs to bake 235 cookies for the party. He's already baked 159 cookies. How many cookies does Cole still need to bake?

   Equation: _____

   Answer: _____

4. Samson has a 300-mile drive to his grandmother's. On Friday, he drove 86 miles and on Saturday, he drove 145. How many more miles does Samson need to drive?

   Equation: _____

   Answer: _____

5. Joey needed to purchase 195 panels of wood. He went to the store and they only had 126 panels in stock. How many panels is Joey missing?

   Equation: _____

   Answer: _____

6. Janice went scuba diving in 3 spots and saw a total of 210 turtles. In the first spot, Janice saw 64 turtles and then saw the same number in the second spot. How many turtles did Janice see in the third spot?

   Equation: _____

   Answer: _____

Day 4

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Read each problem, write out the steps, and then solve the problem.

1. There are 316 people at the movie theater on Friday night. There are 124 fewer people on Saturday morning. How many people were at the movie theater on both Friday night and Saturday morning?

_____

2. There are 208 dogs in 1 vet hospital. There are 78 fewer cats. How many animals are at the vet hospital?

_____

3. Darnel has 49 shells in a box. Natesh has 38 more shells than Darnel. How many shells do they have altogether?

_____

4. Kemper and his classmates are having a bake sale. Their goal is to sell 500 baked goods. They sold 140 yesterday and 297 baked goods today. How many more baked goods do they need to sell to reach their goal?

_____

5. There are 146 flowers in a garden. A late frost kills 28 of them. However, Janelle plants a dozen more. How many flowers are there now?

6. Oaks wants to watch 2 shows that are each 48 minutes. He has watched 29 minutes of the first one so far. How many more minutes does he have total?

Read each problem and explain how to solve the problem
in the space provided.

1. The local market produced 1,173 gallons of milk. Over the weekend, the market sold 867 gallons of milk. How many gallons remain to be sold?

   Explain how to solve:

   _____

   _____

   _____

2. Luis earned $234 in his first month on the job. He earned $189 more in his second month. How much money did Luis earn in his second month?

   Explain how to solve:

   _____

   _____

   _____

3. Watson went to the rug store and looked at 166 rugs. He narrowed down his choice to 19 rugs. How many rugs did Watson decide against?

   Explain how to solve:

   _____

   _____

   _____

4. Aaron and Jesse each wanted to save for their vacation. Aaron earned $387 and Jesse earned $297. How much more money does Jesse need to earn to be even with Aaron?

   Explain how to solve:

   _____

   _____

   _____

5. Becca went out to her garden and harvested 45 carrots, 38 pears, 56 peaches, and 88 potatoes. How many items did Becca harvest in all?

   Explain how to solve:

   _____

   _____

6. Jan drove 455 miles last month. This month, she drove 121 miles less than last month. How many miles did Jan drive this month?

   Explain how to solve:

   _____

   _____

Day 5

Read each problem and solve it in the space provided.

1. Rita worked for 22 hours over the weekend. If she earns $9 an hour, how much money did she make?

2. Darren made 15 sandwiches for his family. Each sandwich had 2 pieces of bread and 4 pieces of meat. How many slices of bread did Darren use?

3. Mark went shopping and purchased 4 new shirts for $48 each and 2 new basketballs for $25 each. How much money did Mark spend on the basketballs?

4. Cody used 3 oranges to make 6 glasses of juice. If he used 8 oranges, how many glasses of orange juice would that make?

5. Gina went to the concession stand and purchased 5 hot dogs for her teammates that cost $2 each and 4 trays of fries that cost $4 each. How much money did Gina spend on food?

6. Parker ran 4 miles a day for 16 days in a row. How many miles did Parker run in all?

Read each problem and solve it in the space provided.

1. Jillian collected 110 cans for her school. She needs to place the cans in bags of 10. How many bags will Jillian need to hold all the cans?

2. Drew earned $36 last weekend mowing his lawn. If he wants to split the money into four savings accounts, how much money will he put in each account?

3. Tyler has 72 toy cars. He wants to put the cars into 9 containers. If the same number of toy cars need to go into each container, how many toy cars will Tyler put into each container?

4. Hatti has 120 pieces of notebook paper that need to be split into 10 equal piles. How many pieces of paper should Hatti put in each pile?

5. Donald has 72 cookies. He wants to split the cookies up evenly between himself and 8 friends. How many cookies will each person receive?

6. Kellen read 48 pages in 4 days. If he read the same number of pages each night, how many pages did he read each night?