4th Grade
AMERICAN MATH HW
Week of 28Oct - 1Nov
Due: Submit through Archie by Sun, 11/03 midnight

Pacing:
To pace yourself, look at the top right corner for suggested pacing per day.
Important note: HW for Monday is the same review from Fri, 10/25-CW. Read details on the top of Monday HW page.
For additional practice and HW help, refer to the library of resources under the resources tab on Archie.

This review is one last practice for tomorrow's test on division. The questions are the same that you did in class on Friday-25Oct. If you did not finish the CW in class on Friday, or had some questions incorrect, this is your chance to better your grade on the CW. Redoing this Review is extra credit towards your CW grade for Friday, and will allow you to make-up up to 50% of your lost points.

Review for test on division

1. Divide.

    $180 \div 2 = $ _____

2. Divide.

    $2{,}400 \div 4 = $ _____

3. Pick the expression with the better compatible numbers to estimate $406 \div 8$.

    | $400 \div 8$ | $480 \div 8$ |

    Now, use the expression you picked to estimate the quotient.

    $406 \div 8$ is about _____ .

4. Pick the expression with the better compatible numbers to estimate $550 \div 9$.

    | $630 \div 9$ | $540 \div 9$ |

    Now, use the expression you picked to estimate the quotient.

    $550 \div 9$ is about _____ .

5. Pick the expression with the better compatible numbers to estimate 2,761 ÷ 9.

| 2,800 ÷ 9 | 2,700 ÷ 9 |

Now, use the expression you picked to estimate the quotient.

2,761 ÷ 9 is about ☐.

6. Divide:

☐ R ☐

3)962

7. Divide:

☐ R ☐

5)753

8. Divide:

☐ R ☐

5)9,609

9. Hannah's grandpa has a collection of baseball cards. He has 4 boxes, with the same number of cards in each box. He has 280 baseball cards in all. How many cards are in each box?

☐ cards

10. The parking lot for a new restaurant is going to have 52 parking spaces. If each row can have 3 parking spaces, how many rows will the parking lot need?

[ ] rows

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11. To build a new store, Addison's Construction needs 79 ceiling tiles. If the ceiling tiles come in packages of 7, how many packages should the construction company buy?

[ ] packages

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12. Danville Furniture needs to ship 84 couches across the country. If they can fit 9 couches in each truck, how many trucks should the company plan to use?

[ ] trucks

HW-29Oct-Review Division word problems - Interpret Remainders

1. A town needs to buy 94 hamburger buns for their big summer barbecue. The hamburger buns come in packages of 9. How many packages should the town buy?

   ☐ packages

2. The school party committee has $37 to buy ice cream. If each carton of ice cream costs $8, how many cartons can the committee buy?

   ☐ cartons

3. An office needs 71 sticky labels. If there are 7 labels per page, how many pages of sticky labels should the office buy?

   ☐ pages

4. 18 miners need to ride the elevator to the bottom of the mine. The elevator can hold 8 miners at a time. How many miners will be in the elevator on its last trip?

   ☐ miners

5. 84 people need to ride the elevator to the top of a skyscraper. The elevator can hold 9 people at a time. How many people will be in the elevator on the last trip to the top?

    ☐ people

HW-30Oct-Division word problems-interpret remainders

1.   A politician is ordering T-shirts for his upcoming campaign. The politician can spend up to $4,580 on the T-shirts. If each T-shirt costs $6, how many T-shirts will the politician be able to buy?

   ☐ T-shirts

2.   Dustin's Donut Shop needs to pack 843 donuts in boxes. If each box holds 4 donuts, how many boxes does the shop need?

   ☐ boxes

3.   A town needs 523 bricks to build a new town square. If each box contains 5 bricks, how many boxes should the town purchase?

   ☐ boxes

4.   The library has 911 books. If each shelf can hold 7 books, how many shelves will the library need to hold all of its books?

   ☐ shelves

5. A jazz band wants to sell $307 worth of tickets. If each ticket costs $3, how many tickets will the band have to sell to meet its goal?

[   ] tickets

6. A new science website has $118 to buy online ads. If each ad costs $5, how many ads can the website purchase?

[   ] ads

5. Ms. Johnson bought 6 bags of balloons. Each bag has 25 balloons. She fills all the balloons and puts 5 balloons in each bunch. How many bunches can she make?

_____

6. An adult's dinner costs $8. A family of 2 adults and 2 children pays $26 for their dinners. How much does a child's dinner cost? Explain.

_____

_____

_____

_____

7. **MTR** Use the table at the right. Maria bought 80 ounces of apples. She needs 10 apples to make a pie. How many apples will be left over? Explain.

_____

_____

_____

_____

Fruit	Average weight
Peach	6 ounces
Apple	5 ounces
Plum	2 ounces

8. Taylor has 16 tacks. She buys 2 packages of 36 tacks each. How many garage sale posters can she put up if she uses 4 tacks for each poster?

_____

9. Ryan bought 8 dozen bandages for the track team first-aid kit. The bandages were divided equally into 4 boxes.

How many bandages are in each box?

_____

Solve. Draw a diagram to help you.

1. There are 3 trays of eggs.
   Each tray holds 30 eggs.
   How many people can
   be served if each person
   eats 2 eggs?

   Think: What do I need to
   find? How can I draw
   a diagram to help?

   Multiply to find the total
   number of eggs.

   Divide to find how many
   people can be served
   2 eggs.

   45 people can be served.

2. There are 8 pencils in a package. How many
   packages will be needed for 28 children if
   each child gets 4 pencils?

3. There are 3 boxes of tangerines. Each box
   has 93 tangerines. The tangerines will be
   divided equally among 9 classrooms.
   How many tangerines will each classroom get?

***********FRIDAY*****************
This is the same HW from last week Thursday, so resubmit the same pages if you did it last week.

1. There are 9 showings of a film about endangered species at the science museum. A total of 459 people saw the film. The same number of people were at each showing. How many people were at each showing? Show how to check your answer.

2. Solve.

   $4{,}216 \div 8 =$ _____

4. Pablo collects seashells. He sorts the shells by type into different buckets when he collects them. He collects 46 shells. Pablo has 4 buckets with the same number of shells in them, and one bucket with 2 shells. How many shells are in each of the 4 equal buckets?
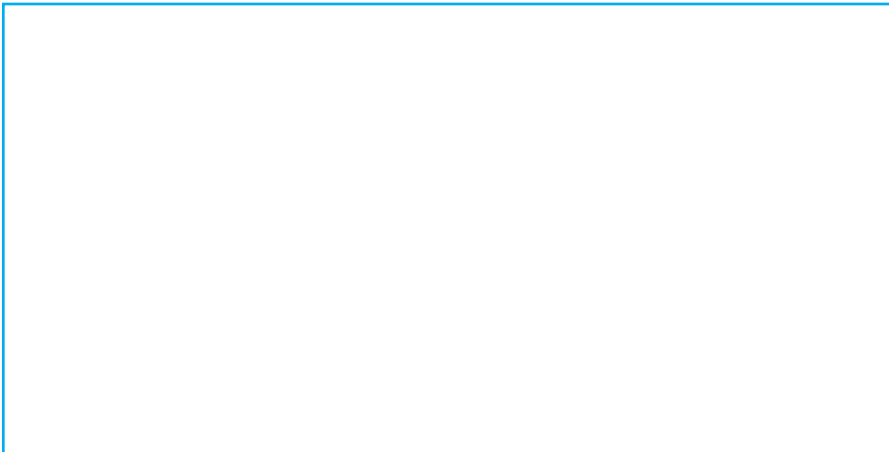
   _____ shells

5. There are 3,736 yearbooks to be divided equally among 8 schools. How many yearbooks will each school get?

_____ yearbooks

6. Anna buys 8 books for $112. If each book costs the same amount, what is the cost of 5 books?

_____

8. A florist used 76 roses, 47 lilies, and 21 snap dragons to make garlands. Each garland has 8 flowers. How many garlands did the florist make? Draw bar models to solve.

Name _____

9. Koi read 1,080 minutes in 9 days. If he read the same number of minutes each day, how much time did he read each day?

_____ minutes

10. divide 624 ÷ 3,

_____

11. There are 7 volunteers at the park. The volunteers need to clean an area of 861 square meters. If each volunteer cleans the same area, what area does each volunteer clean?

_____ square meters

13. There are 136 people waiting for a river raft ride. Each raft holds 8 people.   find the number of rafts needed.