Homework Packet

NYS HW #9-12

Week of March 16th – 19th

HW #9 – due Tues 3/17

HW #10 – due Wed 3/18

HW #11 – due Thurs 3/19

HW #12 – due Fri 3/20

Name: _____Class: _____

Name_____ Date _____

NYS Practice Homework 9 Class _____

1) The length of Mrs. Davis' room is 9 ft and the width is 3 ft long. How many square yards is the room?

   a. 7 square yards
   b. 27 square yards
   c. 243 square yards
   d. 3 square yards

2) The piece of fabric is 108 inches long by 24 inches wide. How many square feet is the piece of fabric?

   a. 264 square feet
   b. 373,248 square feet
   c. 18 square feet
   d. 2,592 square feet

3) John's rope was 3 meters long. Kayla's rope was half as long as John's. Peter's rope was 300 centimeters long. Whose rope was the shortest? (Remember 100 cm = 1 meter).

   a. John's rope was shortest because 300cm > 3m.
   b. Kayla's rope was shortest because 600cm > 300cm.
   c. John's rope was shortest because 300m > 150cm.
   d. Kayla's rope was shortest because 150cm < 300 cm.

4) Uchechi spent 5/6 of an hour doing her math homework. Shaniya spent 4/10 of an hour on her math homework and Mehkai spent half of the time that Shaniya spent completing his math homework. How many minutes did Uchechi spend on math homework? How many minutes did Shaniya spend on her homework? How many minutes did Mehkai spend on homework?
   List the students in order of who took the greatest to least amount of time to complete his/her homework?

Name_____ Date _____

NYS Practice Homework 9 Class _____

0.3 + 0.2

0.3 x 0.2

Part A

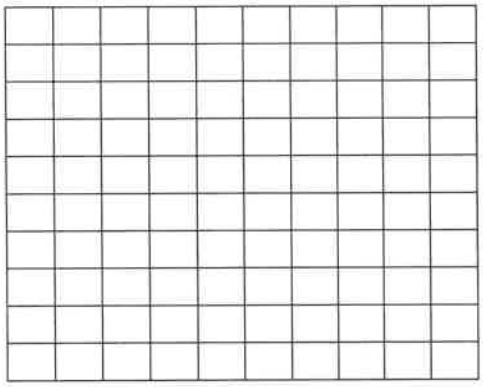
Which symbol, >, < or =, should Evan use to complete the statement?

0.3 + 0.2 ☐ 0.3 x 0.2

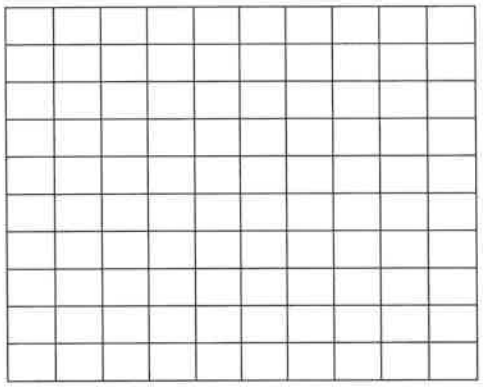
Part B

Shade the grids shown below to support your answer.

0.3 + 0.2



0.3 x 0.2



6) Complete the following table.

1Pound = 16 ounces (oz)

Pounds	Ounces
4 lbs	
	144 oz
12 lbs	
	8 oz

7) Complete the following table.

1 meter = 1,000 millimeters

Meters	Millimeters
5 m	
	400 mm
6.3 m	
	45 mm

Name_____ Date _____

NYS Practice Homework 10 Class _____

1) Ms. Keenan was using clay in her 5th grade classes. Each student received 1.3 ounces of clay to make two figures. How many pounds of clay will Ms. Keenan need to purchase so that all 56 students in the 5th grade can make two clay figures? (Remember 16 ounces = 1 pound)

a. 2.6 pounds

b. 145.6 pounds

c. 9.1 pounds

d. 4.55 pounds

2) The parking garage at Yankee Stadium makes a lot of money each season. The garage has 18 rows on each level with 20 parking spots in each row and is 5 levels high. There are 87 home games annually and parking costs $35 per car. If the garage is always full for every home game, how much money does the parking garage make each baseball season?

3) At Shawn's birthday party, his mom ordered three pizzas. Each pizza was 4/5 eaten. Draw a picture or model that shows how much pizza was eaten. Record your answer on the line below.

Answer: _____

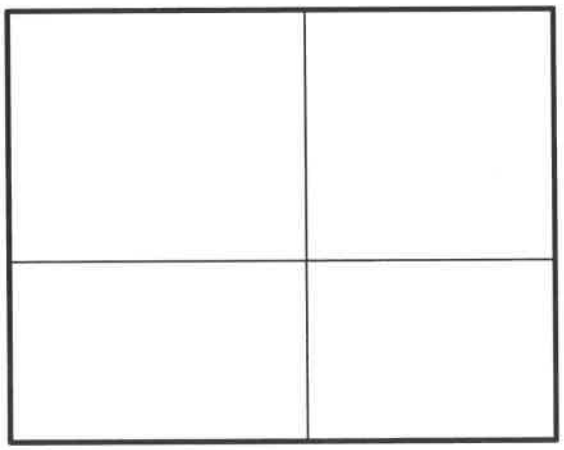
4) There are 60 students in the fifth grade. 2/5 of them are boys. Write and solve an expression to determine how many fifth grade students are girls?

Name_____ Date _____

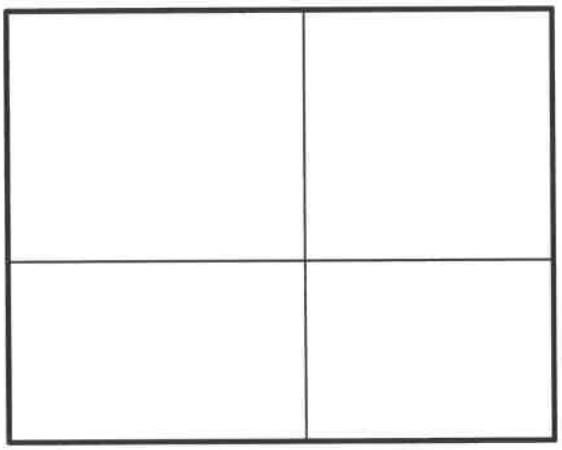
NYS Practice Homework 10 Class _____

Directions: Solve each multiplication problem using the area model below. Show all of your work.

5) $2\frac{1}{2} \times 15\frac{3}{5}$



6) $20\frac{3}{4} \times 6\frac{2}{3}$



Name_____ Date _____

NYS Practice Homework 11 Class _____

1) Complete the following table:

1 yard = 36 inches

Yards	Inches
9 yd.	
	144 in.
12 yds.	
	324 in.

2) Complete the following table:

Kilometers	Meters	Centimeters
4 km		
	4 m	
		4 cm
5.6 km		

3) Ms. Keenan was using clay in her 5th grade classes. Each student received 1.3 ounces of clay to make one figure. Each student will make 2 clay figures. How many pounds of clay will Ms. Keenan need to purchase so that all 56 students in the 5th grade can make two clay figures? (Remember 16 ounces = 1 pound)

a. 2.6 pounds

b. 145.6 pounds

c. 9.1 pounds

d. 10 pounds

4) The parking garage at Yankee Stadium makes a lot of money each season. The garage has 18 rows on each level with 20 parking spots in each row and is 5 levels high. On average, the garage is 8/9 full and parking costs $35 per car. How much money does the parking garage make each during each baseball game?

5) At Shawn's birthday party, his mom ordered three pizzas. 2/3 of the pizza was eaten. Draw a picture or model that shows how much pizza was eaten. Record your answer on the line below.

Answer: _____

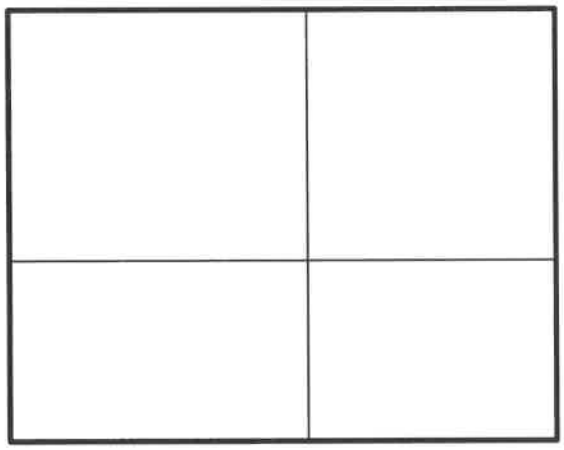
Name_____ Date _____

NYS Practice Homework 11 Class _____

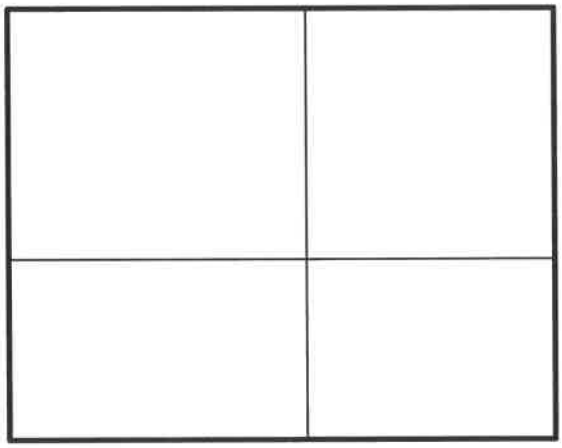
grade go to afterschool?

Directions: Solve each multiplication problem using the area model below. Show all of your work.

7) $2\frac{1}{2} \times 15\frac{3}{5}$



8) $20\frac{3}{4} \times 6\frac{2}{3}$



Name_____ Date _____

NYS Practice Homework 12 Class _____

1) Complete the following table:

1 cup = 8 ounces

Cups	Ounces
3 c	
7 c	
	16 oz.
	72 oz.

2) Complete the following table:

1 pound = 16 ounces

Pounds	Ounces
	32 oz.
10 lbs.	
	80 oz.
8 lbs.	

1) Ms. Keenan was using clay in her 5th grade classes. Each student received 2.1 ounces of clay to make two figures. How many pounds of clay will Ms. Keenan need to purchase so that all 56 students in the 5th grade can make two clay figures? (Remember 16 ounces = 1 pound)

a. 117.6 pounds

b. 7.35 pounds

c. 14.7 pounds

d. 29.4 pounds

2) The parking garage at Yankee Stadium makes a lot of money each season. The garage has 15 rows on each level with 25 parking spots in each row and is 3 levels high. There are 92 home games annually and parking costs $30 per car. If the garage is always full for every home game, how much money does the parking garage make each baseball season?

Name_____ Date _____

NYS Practice Homework 12 Class _____

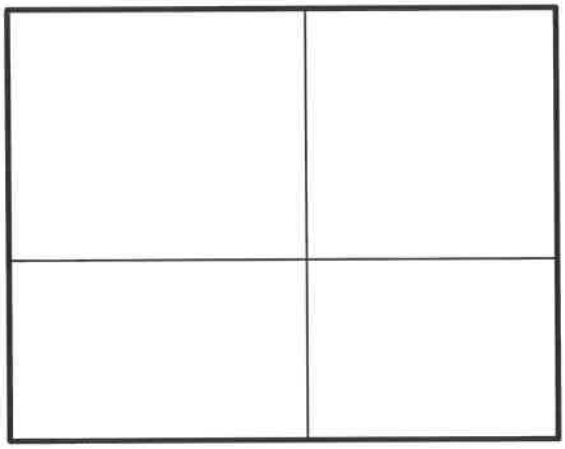
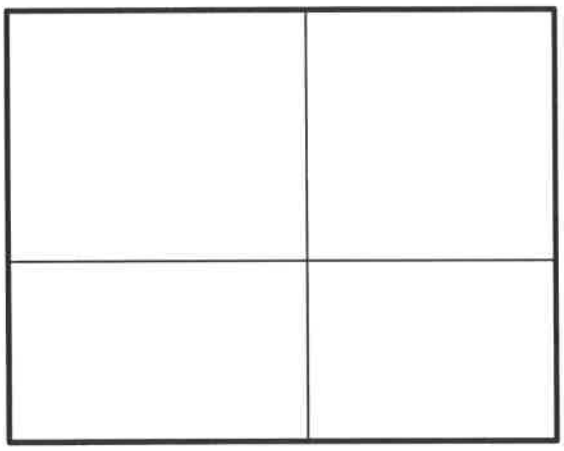
3) At Shawn's birthday party, his mom ordered 5 pizzas. Each pizza was 2/3 eaten. Draw a picture or model that shows how much pizza was eaten. Record your answer on the line below.

Answer: _____

4) There are 72 students in the fifth grade. If 5/8 of them are girls, how many students are boys?

Directions: Solve each multiplication problem using the area model below. Show all of your work.

1) $4\frac{2}{3} \times 3\frac{4}{7}$



2) $12\frac{5}{8} \times 2\frac{1}{2}$