

Incoming 5th Grade Summer Math Packet

We want your child to be set up for success as they enter 5th grade. This packet is divided into 8 weeks, and is a review of the skills they learned in 4th grade.

Practicing these skills will help prevent the summer slide, and ensure students maintain their foundational knowledge. I recommend each week starting 6/5, and ending 7/28. Students should complete and turn in the packet no later than August 16th. Students will receive a math grade in Quarter 1 based on completion of the packet (points will be deducted for no work shown).

Students should complete the packet using a pencil and show all work. Students should use their 4th grade math notebook as a resource when completing this packet.

Thank you for your help in preparing students for 5th Grade!

Mrs. Serpa

Week 1 – Place Value

What is the value of the underlined digit?

345,440,000

Compare the numbers below using $>$, $<$, or $=$.

1.345 ○ 1.435

A town had three and fourteen-hundredths inches of rain during June. What is the value of the digit in the tenths place?

F 3

G 0.04

H 0

J 0.1

Write the number in word form and standard form.

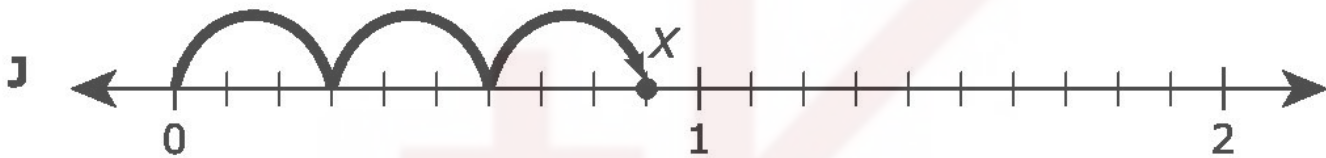
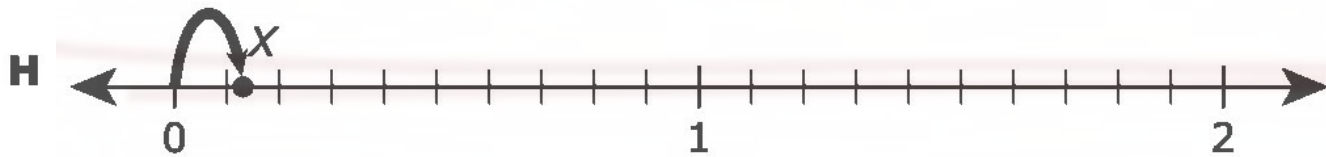
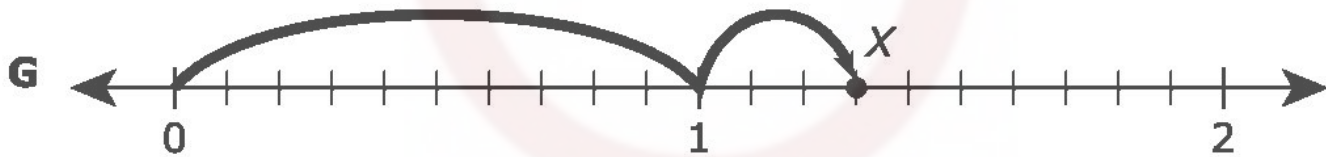
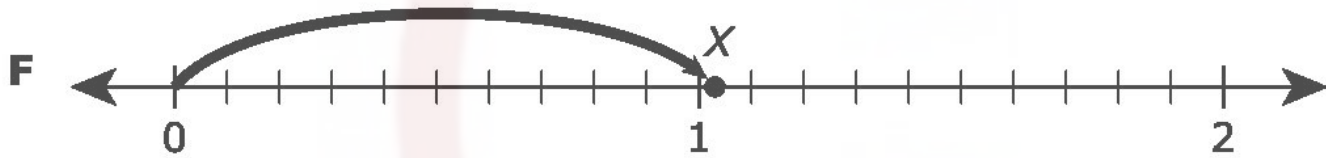
$4,000 + 300 + 70 + 7$

word form: _____

standard form.: _____

Week 1 – Place Value

5 On which number line is point X located a distance of 1.3 units from zero?



Week 2 – Multiplication

Multiply

$$\begin{array}{r} 232 \\ \times 25 \\ \hline \end{array}$$

Multiply

$$\begin{array}{r} 4.30 \\ \times .52 \\ \hline \end{array}$$

The fourth-grade classes at a school made flowers to decorate the cafeteria. There are 5 fourth-grade classes at this school.

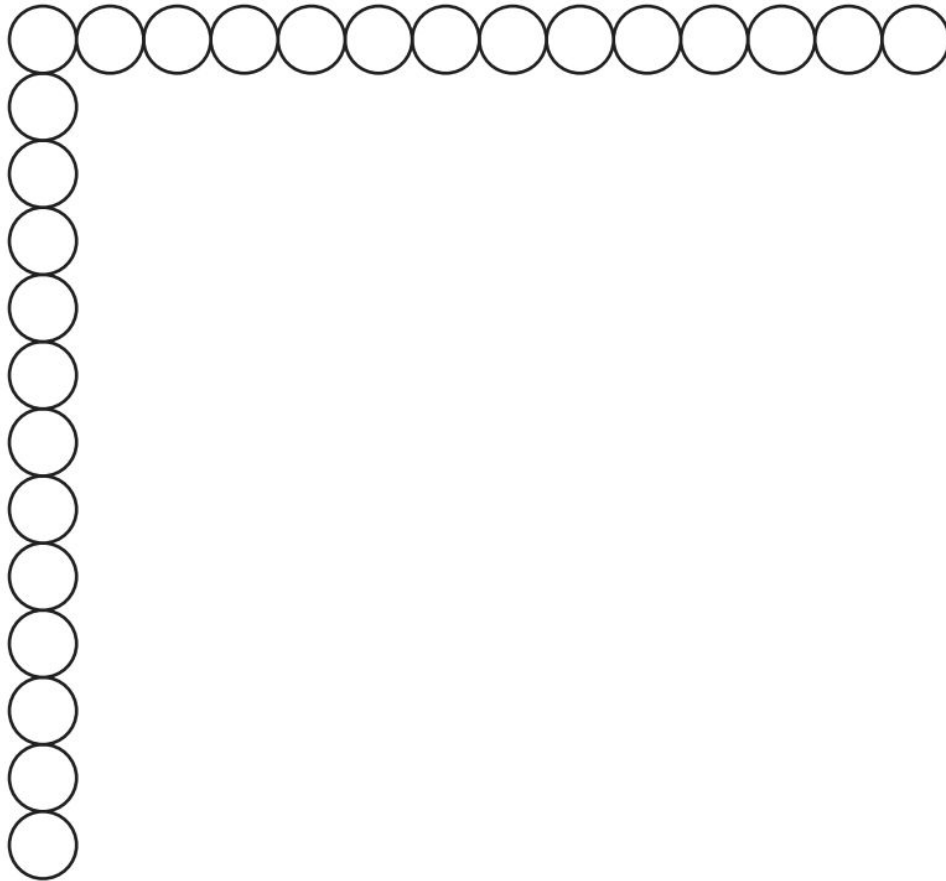
- To make each flower, 4 sheets of paper were used.
- The classes used a total of 300 sheets of paper.
- Each class made the same number of flowers.

How many flowers did each fourth-grade class make?

- A** 75
- B** 15
- C** 240
- D** 17

Week 2 – Multiplication

Lori started to draw an array to help her solve a math problem. She drew one full row and one full column of the array, as shown.



She finished drawing the array correctly. Which equation represents a problem Lori could solve using this array?

F $12 \times 13 = 156$

G $13 \times 13 = 169$

H $14 \times 12 = 168$

J $13 \times 14 = 182$

Week 3 – Division

Divide

$$45 \div 7 =$$

Divide

$$133 \div 9 =$$

Divide

$$444 \div 22 =$$

Week 3 – Division

An art teacher ordered 26 marker sets for his classes. There are 100 markers in each set.

How many markers are in 26 sets?

- A** 800
- B** 26,000
- C** 2,600
- D** 126

Meredith had 12 packages of erasers to put into bags.

- Each package had 43 erasers.
- She put 6 erasers into each bag.

What is the greatest number of bags Meredith could have put erasers into?

Week 4 – Fractions

Write an equivalent fraction.

$$\frac{3}{6} = \underline{\hspace{2cm}}$$

Compare the fractions

$$\frac{4}{5} \bigcirc \frac{2}{5}$$

Four people are mowing their lawns. The table shows the fraction of each lawn that has already been mowed by each person.

Lawns Mowed

Person	Amount of Lawn Already Mowed
Nate	$\frac{10}{15}$
Rudy	$\frac{5}{6}$
Marc	$\frac{12}{18}$
Santos	$\frac{6}{8}$

Which of these people have mowed greater than $\frac{3}{4}$ of a lawn?

- A** Nate, Rudy, Marc, and Santos
- B** Nate and Marc only
- C** Rudy only
- D** Santos only

Week 4 – Fractions

A store sells bags of potato chips.

- $\frac{1}{3}$ of the bags are barbecue-flavored chips.
- $\frac{3}{5}$ of the bags are cheese-flavored chips.
- The rest of the bags are plain chips.

Which statement is true?

- A** More than $\frac{1}{2}$ of the bags are plain chips.
- B** There are no bags of plain chips.
- C** Exactly $\frac{1}{2}$ of the bags are plain chips.
- D** Less than $\frac{1}{2}$ of the bags are plain chips.

Use benchmark fractions to put the fractions in order from least to greatest.

$$\frac{1}{5} \quad \frac{6}{7} \quad \frac{7}{12}$$

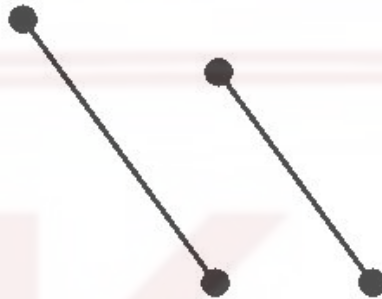
Week 5 – Geometry

Draw the shape that has 6 sides, 6 vertices, and 6 angles.

Draw a Right Angle.

What is the degree of a Right Angle?

A drawing is shown.

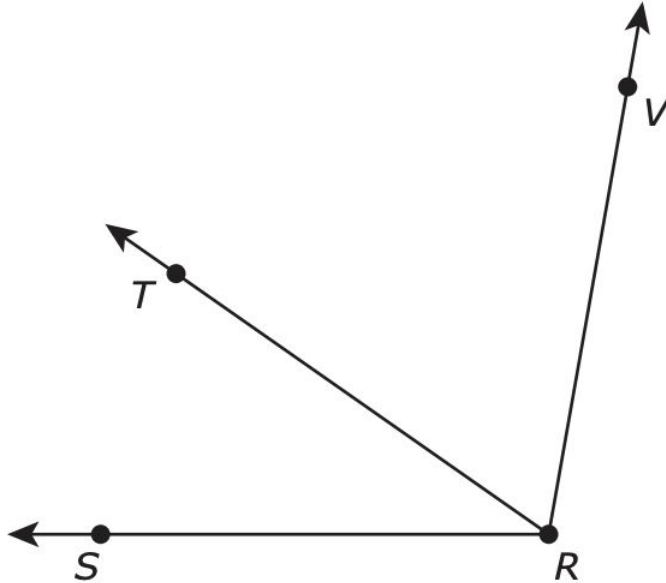


What does the drawing show?

- F** Two line segments that appear to be parallel
- G** Two line segments that appear to be perpendicular
- H** Two lines that appear to be parallel
- J** Two lines that appear to intersect

Week 5 – Geometry

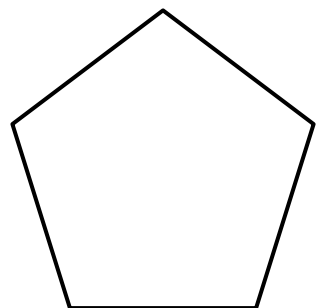
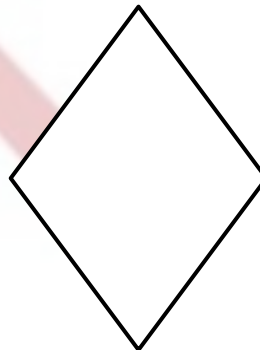
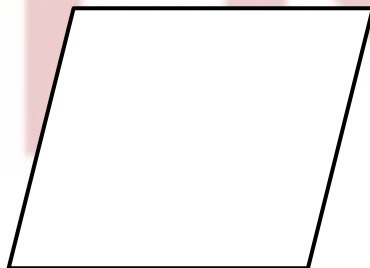
Angle SRT has a measure of 35° . Angle TRV has a measure of 65° .



What is the measure in degrees of angle SRV ?

- F** 30°
- G** 110°
- H** 90°
- J** 100°

Classify the shapes:



Week 6 – Measurement

How many cups are in a gallon?

How many quarts are in a gallon?

Mary rode her bike 20 ft. and Jane rode her bike for 3 yards. How many yards did they ride all together?

Suzie was 3 ft. 4 in. How tall is she in inches?

Week 6 – Measurement

Jon put a pie in the oven at 5:15 P.M. He took the pie out of the oven 35 minutes later.

At what time did Jon take the pie out of the oven?

- A** 5:45 P.M.
- B** 6:50 P.M.
- C** 5:50 P.M.
- D** 6:45 P.M.

The table shows numbers of feet and the equivalent numbers of inches.

Feet-to-Inches Conversions

Number of Feet	Number of Inches
3	36
5	60
8	96
10	120

Lionel painted a wall that is 12 feet long. How many inches long is the wall that Lionel painted?

- A** 144 in.
- B** 122 in.
- C** 156 in.
- D** 132 in.

Week 7 – Financial Literacy

Describe the difference between a Fixed Expense and a Variable Expense.

Trina lives in an apartment. The table shows some of the expenses that Trina paid for three months to live in the apartment.

Monthly Expenses

Expenses	January	February	March
Rent	\$1,500.00	\$1,500.00	\$1,500.00
Water	\$32.67	\$28.24	\$38.15
Electricity	\$118.92	\$98.72	\$84.53
Cable TV	\$78.75	\$78.75	\$78.75

Which expenses were variable expenses for Trina during these three months?

- F** Water and Electricity only
- G** Rent, Water, and Electricity
- H** Rent and Cable TV only
- J** Cable TV only

Week 7 – Financial Literacy

Which of these statements describe the primary services of a bank?

- I. Customers can borrow money from a bank.
- II. Customers can put money into a savings or checking account.
- III. Customers can pick up packages at a bank.
- IV. Customers can cash checks at a bank.

- A** Statements II and IV only
- B** Statements I, II, and IV only
- C** Statement III only
- D** Statements I, II, and III only

Jacobi sold lemonade at a lemonade stand. He made a total of \$32.25 from the lemonade he sold. He spent \$13 on the supplies to make the lemonade.

What was his profit?

- A** . \$45 .25
- B** . \$19.25
- C** . \$32.12
- D** . \$32.38

Week 8 – Review

Which type of triangle has perpendicular sides?

- A** An obtuse triangle
- B** An acute triangle
- C** A right triangle
- D** None of these

Yolanda wrote a number.

- The digit in the millions place is an 8.
- The digit in the thousands place is a 6.
- The digit in the hundredths place is a 2.

Which number could be the number Yolanda wrote?

- A** 85,346,000.12
- B** 38,056,000.21
- C** 58,346,000.12
- D** 98,674,200.21

Week 8 – Review

There are two hiking trails in a park.

- Trail Y is 2.7 miles long.
- Trail Z is 5.84 miles long.

What is the total length of these two hiking trails?

Maribel drew a shape. The shape has exactly one pair of opposite sides that are parallel. None of the sides are perpendicular to each other.

Which shape can be the one Maribel drew?

- F** Trapezoid
- G** Rhombus
- H** Square
- J** Rectangle

Write the decimal as a fraction.

1.3

A store sold 3 TVs for \$256 each. How much money did the store make?
