Rising 5th Summer Math Packet
2nd Street - Summer 2022

Welcome to 5th Grade Math! This year, we will focus on the work of becoming mathematicians. Mathematicians look for patterns, persevere in solving difficult problems, construct reasonable arguments, and work together. To do these things, we need some tools. This packet will help you review what you learned in 4th Grade and sharpen your tools to be prepared for 5th Grade Math.

We recommend completing a section or two each week so that you spread the work out over the summer. You can check your answers in Edulastic as you go.

Click on this link to access your Summer Math Packet. This packet will be due the first week of school.

Follow these instructions to log into Edulastic:
1. Go to edulastic.com
2. Click the link to sign up if you haven't already.
3. Choose Log in with Google and use your Latin email (if you have one - if not, use any email account) to make an account.
4. Enter the Class Code **V2CE8U4B** to join the Class of 2030 (Rising 5th Graders) group.
5. Click the Assignments tab at the left of your screen and you should see the Rising 6th Grade Summer Math assignment.
6. Write your calculations on the paper copy that you were given at the end of the school year OR on a separate sheet of paper to turn in when school begins in the fall.

Rising 5th Grade Summer Math Packet

Created By Johanna Figueroa

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You may complete this math packet on paper. If you do so, we would prefer that you also input your answers online using the link available on the school's website

We suggest that you complete one or two sections each week to keep your skills sharp and to spread out the work. This packet will be due on the first day of school. See you in the fall!

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2 Write a number that uses the same 6 digits as $901,735$ but where the digit 3 represents 10 times what it represents in $901,735$.

(A) $701,395$

(B) $703,195$

(C) $701,935$

(D) $731,095$

---

3 Which symbol belongs in the box to make a true comparison? (use $<$, $=$, or $>$).

Write your answer in the box.

$2,000 + 300 + 10 + 5$ $3,000 + 200 + 30 + 7$

a
- ◯ $<$
- ◯ $>$
- ◯ $=$

Edulastic

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4 Which symbol belongs in the box to make a true comparison? (use $<$, $=$, or $>$).

Write your answer in the box.

Twenty-seven thousand, four hundred ninety $20,000 + 7,000 + 400 + 10 + 9$

a

- ○ $<$
- ○ $>$
- ○ $=$

---

5 Fill in the missing digit in the blank in each number that will make each statement true.

$835,\_14 >$ Eight hundred thirty-five thousand, eight hundred fourteen

- (A) 4
- (B) 5
- (C) 6
- (D) 9

---

6 Which number when rounded to the nearest ten thousand has a value of $290,000$?

- (A) $286,314$
- (B) $298,947$
- (C) $281,769$
- (D) $295,986$

---

7 Round $759,048$ to the nearest hundred thousand.

8 Select the numbers below that have a value of $950,000$ when rounded to the nearest ten thousand.

A 944,806

B 953,782

C 956,270

D 945,867

E 947,603

---

9 The area of a building is $709,650$ square feet.

What is this number rounded to the nearest thousand square feet?

Ⓐ 700,000

Ⓑ 709,000

Ⓒ 709,700

Ⓓ 710,000

---

10 Raja worked 40 hours per week for 4 weeks.
Frank worked half the amount of time Raja worked.

How many hours did Frank work during the 4 weeks?

[   ] hours.

Show your work.

---

11 The students in the fourth grade sold 684 erasers for a fund-raiser.
They sold 4 times as many erasers as the students in the fifth grade.

How many erasers did the students in the fifth grade sell?

[   ] erasers.

12 The workers at a farm collected 837 chicken eggs and 9 duck eggs.

The number of chicken eggs collected was how many times the number of duck eggs collected?

| | times as many.

---

13 Eight buses are available for a class trip.
Each bus can seat 56 students.

The letter n represents the number of students that can go on the class trip.

Which equation can be used to find n ? Mark all possible equations.

A $56 \times 8 = n$

B $8 + n = 56$

C $n \times 8 = 56$

D $n \div 8 = 56$

E $56 - 8 = n$

---

14 Write an equation with a variable that could be solved to find the answer to the word problem below.
Do not solve the word problem.

Word problem: There are 133 paper cups at a party, and that is 7 times the number of people at the party. How many people are there?

Mark all possible equations.

A $7 \times \square = 133$

B $133 \div 7 = \square$

C $\square \times 133 = 7$

D $133 + 7 = \square$

---

15 Use the standard algorithm to add.

$2,746 + 23,694$

| |

16 Use the standard algorithm to add.

$92,318 + 23,027$

_____
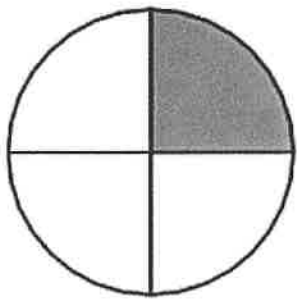
17 Use the standard algorithm to subtract.

$62,114 - 49,586$

_____

18 Use the standard algorithm to subtract.

$4,591 - 1,985$

_____

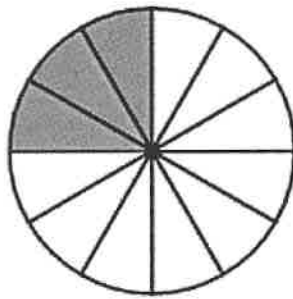**19** Models of two equivalent fractions are shown.

Fraction 1   **Fraction 2**

Which statement describes how Fraction 2 can be created from Fraction 1?

(A) Add 3 to the numerator only.

(B) Multiply only the numerator by 3.

(C) Add 3 to the numerator, and add 3 to the denominator.

(D) Multiply the numerator by 3, and multiply the denominator by 3.

20 Match each fraction to its equivalent fraction.

| $\dfrac{6}{18}$ | ●—● | |

| $\dfrac{12}{30}$ | ●—● | |

| $\dfrac{12}{16}$ | ●—● | |

| $\dfrac{8}{10}$ | ●—● | |

| $\dfrac{8}{18}$ | ●—● | |

DRAG & DROP THE ANSWER

$\dfrac{2}{5}$

$\dfrac{4}{5}$
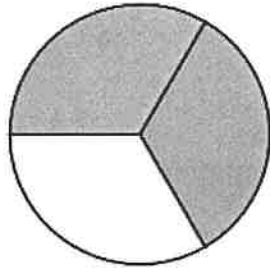
$\dfrac{4}{9}$

$\dfrac{3}{4}$

$\dfrac{1}{3}$

**21** Jasmine ate $\frac{1}{4}$ of a pie. She drew a model to represent the fraction of the pie that she ate.
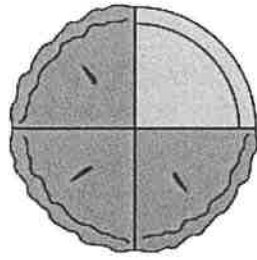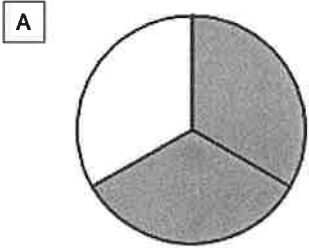

Which fraction is equivalent to the fraction of the pie that Jasmine ate?

Ⓐ $\frac{2}{5}$

Ⓑ $\frac{3}{6}$

Ⓒ $\frac{2}{8}$

Ⓓ $\frac{1}{12}$

22 Kari represented a fraction by shading parts of the model shown.

Kari's Fraction Model

Select all the models that have been shaded to represent fractions equivalent to Kari's fraction

A

B

C

D

E
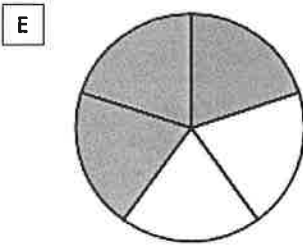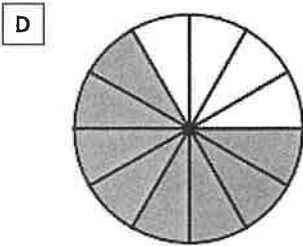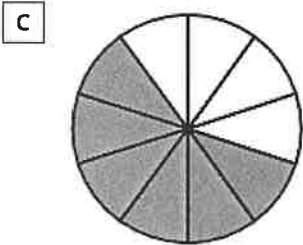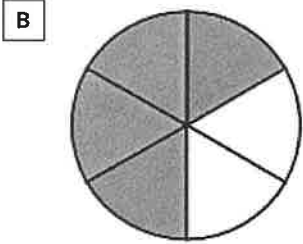
23 What types of support did you use to complete this packet?

(a)
- [A] A family member helped me.
- [B] I used a calculator.
- [C] I searched the internet for answers.
- [D] I watched videos online to help me understand the concepts.
- [E] Other (explain below)

(b) How did you feel about completing this math packet? Were the concepts familiar to you? What did you do when you were confused?