CHILDREN'S AID
college prep charter school

Grade 04 Homework Packet

2019-2020

Scholar Name:

_____

CHILDREN'S AID
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Home Learning Pacing Calendar

March 2020

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
Math: ❑ Complete math worksheet #1-5. ❑ *Optional:* 30 minutes of math practice in iReady. ❑ *Optional:* 30 minutes of Mathletics practice. ❑ Review multiplication facts. **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read *You CAN Run a Mile!* and answer questions 1-6	**Math:** ❑ Complete math worksheet #6-10. ❑ *Optional:* 30 minutes of math practice in iReady. ❑ *Optional:* 30 minutes of Mathletics practice. ❑ Review multiplication facts. **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady.	**Math:** ❑ Complete math worksheet #11-15 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read *Excerpt from The Facts*	**Math:** ❑ Complete math worksheet #16-20 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady.	**Math:** ❑ Complete math worksheet #21-25 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read Pioneer Fun And answer	**Math:** ❑ Complete math worksheet #26-30 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady.

		and Fictions of Minna Pratt and answer questions 7-12		questions 13-19	
Day 7	**Day 8**	**Day 9**	**Day 10**	**Day 11**	**Day 12**
Math: ❑ Complete math worksheet #31-35 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read Pecos Bill Captures the Pacing White Mustang and answer	**Math:** ❑ Complete math worksheet #36-40 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts ELA: ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady.	**Math** ❑ Complete math worksheet #41-45 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts ELA: ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read *When Raven Soared* and answer questions 7-12	**Math:** ❑ Complete math worksheet #46-50 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady.	**Math:** ❑ Complete math worksheet #51-55 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read Why the Sea Is Salt and answer questions 19-24	**Math** ❑ Complete math worksheet #56-60 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read Invaders and answer questions 19-24

questions 20-24					
Day 13	**Day 14**				
Math ❑ Complete math worksheet #61-65 ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read *Phillis's Big Test* and answer questions	**Math** ❑ Complete math worksheet #66- ❑ Optional:30 minutes of math practice in iReady. ❑ Optional: 30 minutes of Mathletics practice ❑ Review Multiplication facts **ELA:** ❑ Read independent reading book for 40 minutes and complete reading log. ❑ *Optional:* 30 minutes of ELA practice in iReady. ❑ Read *Play, Play Again* and answer questions				

Digital Learning Information:

- iReady - https://login.i-ready.com/
- Mathletics - https://www.mathletics.com/us/

ELA Strategic Reading Plan

1. Preview the Text
   - -Genre
   - -Thinking Jobs
   - -Title

2. Read and Jot the Main Idea
3. Work through the Questions
   - -Cover the answer choices
   - -Read the Question and ask yourself, "What is this question asking me?"
   - -Find and mark evidence in the text
   - -Come up with an idea that answers the question in your head
   - -Answer the question
4. Check your Work!!!

myANet

Math Learning Packet

Subject: Mathematics

State: New York

Student Name:_____

Teacher Name:_____

School Name:_____

1 Karl's rectangular vegetable garden is 20 feet by 45 feet, and Makenna's is 25 feet by 40 feet. Whose garden is larger in area?

(A) Karl's garden is larger in area.

(B) Makenna's garden is larger in area.

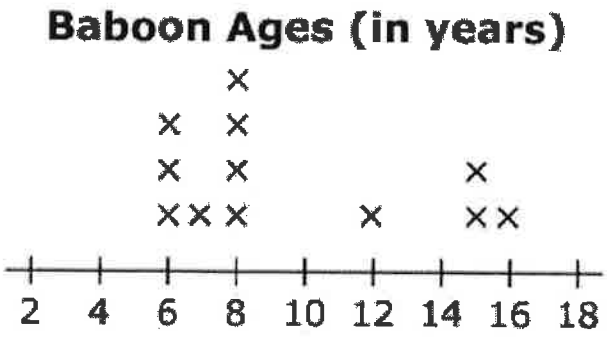
(C) The two gardens are the same size in area.

(D) There is not enough information to answer the question.

2 A rectangle is 6 feet long and has a perimeter of 20 feet.

What is the width of this rectangle? Explain how you solved this problem.

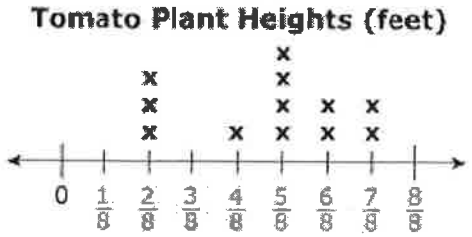
3 A zookeeper made a line plot to show the ages of all the baboons at a zoo.



(a) What fraction of the baboons at this zoo are eight years old? Show or explain your work.

(b) What fraction of all the baboons at this zoo are **not** eight years old? Show or explain your work.

4 The line plot represents the heights, in feet, of tomato plants in a garden.



What is the difference, in feet, between the tallest and shortest plant heights?

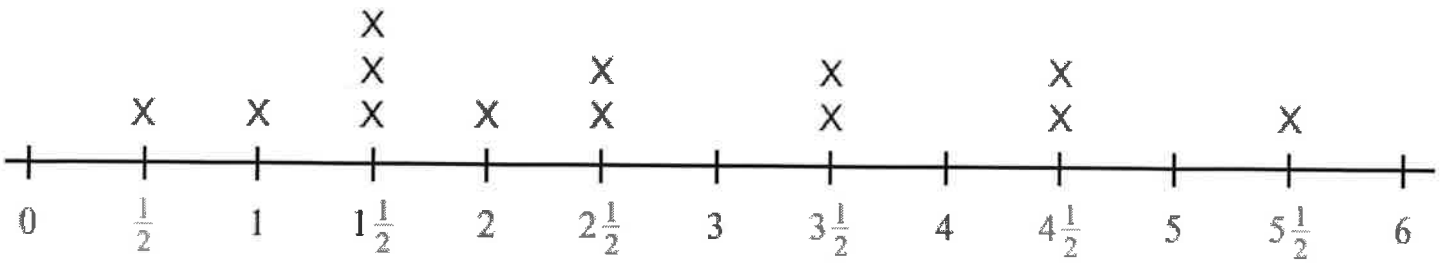
(A) $\frac{1}{8}$

(B) $\frac{3}{8}$

(C) $\frac{5}{8}$

(D) $\frac{7}{8}$

5 Brendan made a line plot showing the weekly rainfall, in inches, for his town one summer. His line plot is shown below.



Weekly Rainfall (in inches)

Which of these expressions can Brendan use to find the difference, in inches, between the greatest weekly rainfall and the least weekly rainfall that he recorded for his town?

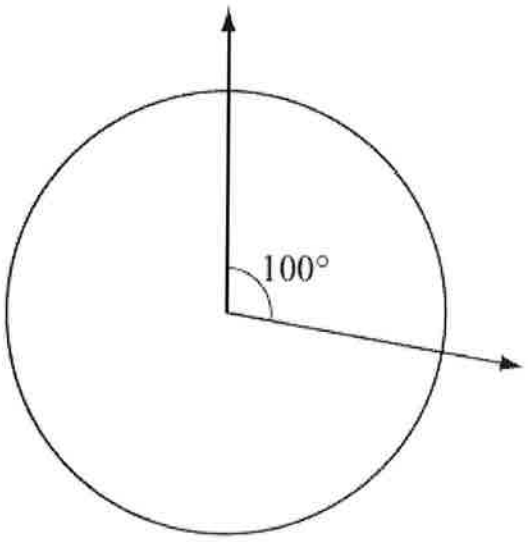
(A) $1\frac{1}{2} - \frac{1}{2}$

(B) $5\frac{1}{2} - \frac{1}{2}$

(C) $5\frac{1}{2} - 1\frac{1}{2}$

(D) $6 - \frac{1}{2}$

6 Kendall drew a 100° angle from the center of a circle, as shown below.



What fraction of the circle does Kendall's angle turn through?

(A) $\frac{100}{360}$

(B) $\frac{100}{260}$

(C) $\frac{100}{180}$

(D) $\frac{100}{90}$

7 Kara wrote an expression that has a value of $\frac{12}{5}$.

For parts (a)-(c), circle YES or NO to indicate whether each expression has a value of $\frac{12}{5}$.

YES or NO (a) $12 \times \frac{1}{5}$

YES or NO (b) $12 \times \frac{5}{5}$

YES or NO (c) $3 \times \frac{4}{5}$

8 A class is making 7 flags. It takes $\frac{3}{4}$ of a yard of felt to make each flag. The total number of yards of felt needed is between which two numbers?

(A) 1 and 2

(B) 3 and 4

(C) 5 and 6

(D) 7 and 8

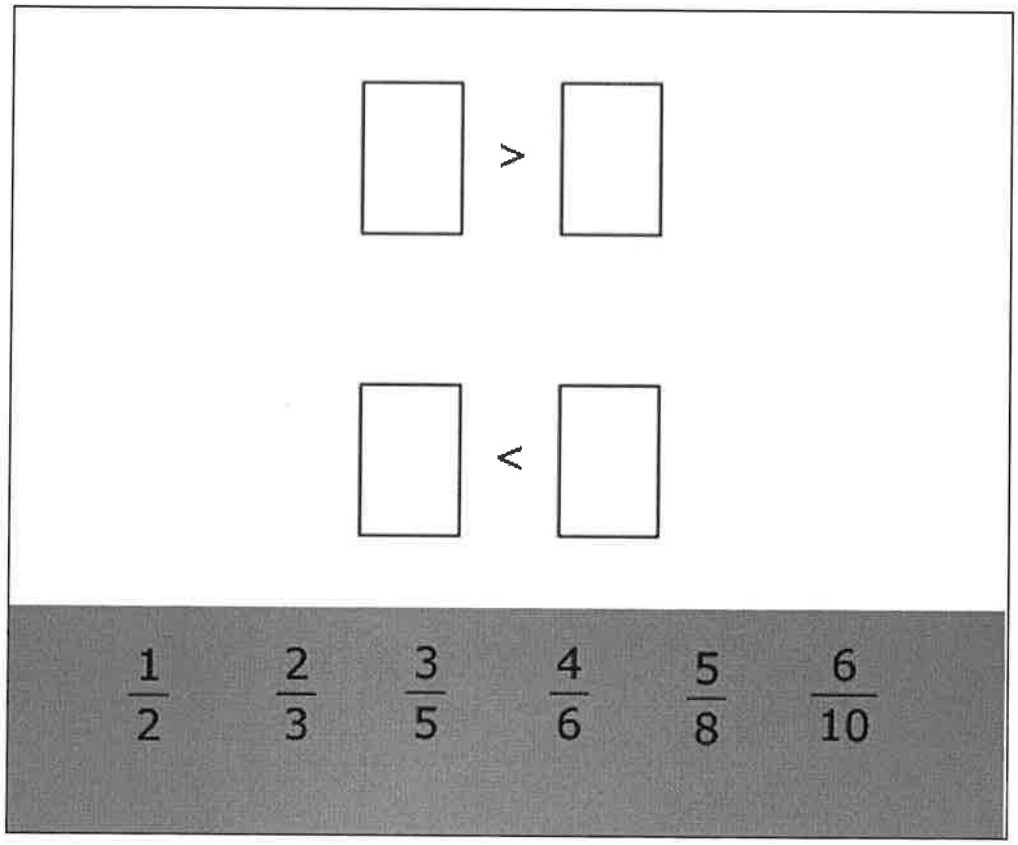
9 Use <. =, or > to compare the following sums by putting the correct symbols in the blanks.

(a) $\frac{1}{2}+\frac{1}{4}$ ——— $\frac{1}{2}+\frac{1}{5}$

(b) $\frac{1}{3}+\frac{1}{2}$ ——— $\frac{1}{3}+\frac{1}{4}$

10 Fill in each box with one of the fractions listed to create two true comparisons.

You may not use a fraction more than once, and not all fractions will be used.



$\frac{1}{2}$ $\frac{2}{3}$ $\frac{3}{5}$ $\frac{4}{6}$ $\frac{5}{8}$ $\frac{6}{10}$

11 Write the correct comparison symbol in each blank to make the number sentences true.

$\frac{6}{12} \_\_ \frac{1}{2}$

$\frac{8}{4} \_\_ \frac{3}{2}$

$\frac{9}{10} \_\_ \frac{6}{5}$

12 Which pairs of fractions show a correct comparison?

Select the **two** correct answers.

(A) $\frac{2}{5} = \frac{40}{100}$

(B) $\frac{2}{5} > \frac{6}{9}$

(C) $\frac{2}{5} > \frac{2}{3}$

(D) $\frac{3}{5} < \frac{8}{12}$

(E) $\frac{3}{5} > \frac{2}{3}$

(F) $\frac{3}{5} = \frac{98}{100}$

13 Which of these is true?

(A) $\frac{4}{5} = \frac{5}{6}$

(B) $\frac{4}{5} > \frac{5}{6}$

(C) $\frac{7}{10} > \frac{5}{6}$

(D) $\frac{7}{10} < \frac{4}{5}$

14 Compare each pair of fractions using the symbol <, >, or =.

$\frac{5}{6}$ yard _____ $\frac{3}{4}$ yard

$\frac{5}{6}$ yard _____ $\frac{7}{8}$ yard

$\frac{5}{6}$ yard _____ $\frac{10}{12}$ yard

$\frac{5}{6}$ yard _____ $\frac{2}{3}$ yard

15 The table shows the heights of three different plants.

PLANT HEIGHTS

Type of Plant	Height (feet)
tomato	$\frac{1}{3}$
pepper	$\frac{3}{6}$
bean	$\frac{5}{12}$

Which statements about the heights of the plants are true?

Select the **three** correct statements.

(A) The bean plant is the tallest plant

(B) The tomato plant is the shortest plant

(C) The pepper plant is taller than the bean plant

(D) The tomato plant is shorter than the bean plant

(E) The pepper plant is shorter than the tomato plant

16 Brandon took pictures while on vacation. Of the pictures he took $\frac{1}{3}$ were of animals, $\frac{1}{5}$ were of people, and $\frac{4}{12}$ were of buildings.

Circle the correct answers to describe correctly the number of pictures Brandon took of animals.

nber of pictures Brandon took of animals is Choose... the number of pictures l

le.

- less than
- more than
- the same as

nber of pictures Brandon took of animals is Choose... the number of pictures l

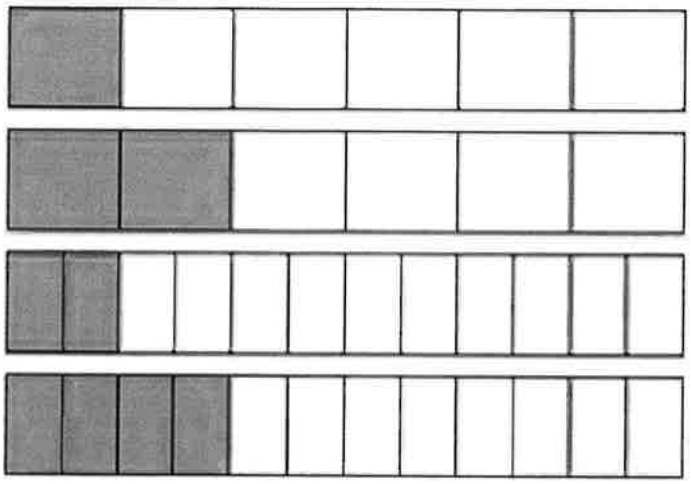
ings.

- less than
- more than
- the same as

17 Two students are comparing fractions. Select four correct boxes in the table to show whether each fraction is less than or greater than $\frac{7}{10}$.

Fraction	Less than $\frac{7}{10}$	Greater than $\frac{7}{10}$
$\frac{3}{5}$	☐	☐
$\frac{1}{2}$	☐	☐
$\frac{4}{5}$	☐	☐
$\frac{50}{100}$	☐	☐

18 Anna is using four models to comp are fractions. She shades each rectangle to represent a fraction of a whole.



Select **all** the statements that can be supported using Anna's fraction models.

(A) $\frac{2}{6} = \frac{4}{12}$

(B) $\frac{2}{12} = \frac{4}{12}$

(C) $\frac{2}{6} > \frac{1}{6}$

(D) $\frac{2}{12} > \frac{2}{6}$

19 How many times larger is the value of the 2 in 52,346 than it is in 246?

(A) 0 times

(B) 10 times

(C) 100 times

(D) 1,000 times

20 Which expression below is equal to 600?

(A) $60{,}000 \div 100$

(B) $60{,}000 \times 100$

(C) $60{,}000 \div 10$

(D) $60{,}000 \times 10$

21 What is the value of the 3 in the number 231,005?

(A) 3 thousands

(B) 30 hundreds

(C) 30 thousands

(D) 30 ten thousands

22 Which of these numbers has a 5 whose value is ten times the value of the 5 in 7359?

(A) 5268

(B) 4652

(C) 3005

(D) 2511

23 Arrange these numbers in order, beginning with the greatest:

1470 847 710 1047 147

(A) 1470, 1047, 847, 710, 147

(B) 847, 710, 1470, 147, 1047

(C) 1470, 710, 1047, 847, 147

(D) 147, 710, 847, 1047, 1470

24 The speed of light is about 186,282 miles per second. What is the expanded form of 186,282?

(A) 100,000 + 80,000 + 6,000 + 200 + 80 + 2

(B) 100,000 + 80,000 + 6,000 + 2,000 + 80 + 2

(C) 100,000 + 8,000 + 600 + 200 + 80 + 2

(D) 100,000 + 8,000 + 6,000 + 200 + 80 + 2

25 Baseball stadiums have different numbers of seats.

Arrange these three stadiums in order from **least** to **greatest** numbers of seats by filling in the names of the stadiums in the blanks.

San Francisco Giants' stadium: 41,915 seats	Washington Nationals' stadium: 41,888 seats	San Diego Padres' stadium: 42,445 seats

26 The table below shows the weights of four animals at the zoo.

Animals at the Zoo

Animal	Weight (in pounds)
lion	517
bear	704
gorilla	485
zebra	782

Based on the table, which of the following is true about the weights of the animals?

(A) lion > bear

(B) zebra < gorilla

(C) bear < gorilla

(D) zebra > bear

27 Which of these is equivalent to 68,051?

(A) 6 + 8 + 0 + 5 + 1

(B) 6,000 + 800 + 50 + 1

(C) 60,000 + 8,000 + 50 +1

(D) 60,000 + 8,000 + 500 +1

28 Which of these is true?

(A) 809 > 890

(B) 848 > 809

(C) 884 < 809

(D) 890 < 848

29 Devin wrote a number in expanded form, as shown below.

500,000 + 90,000 + 3,000 + 20 + 8

Write Devin's number in standard form.

30 What is 8614 rounded to the nearest **thousand**?

(A) 8000

(B) 8600

(C) 8700

(D) 9000

31 Solve.

5,314 – 4,983 = ?

32

Solve.

941 - 795 =

(A) 137

(B) 146

(C) 156

(D) 254

33 Tanya ran 400 meters on Tuesday. She ran 800 meters on Wednesday.

What is the total number of meters Tanya ran on these two days?

34 Which number is the value of 90,372 + 41,685?

(A) 131,857

(B) 131,957

(C) 132,057

(D) 135,117

35 What is the value of 9,348 + 2,237?

36 The table below shows the number of points scored by three video game players.

Player	Number of Points
player one	8,209
player two	3,824
player three	3,317

What is the combined number of points for all three players?

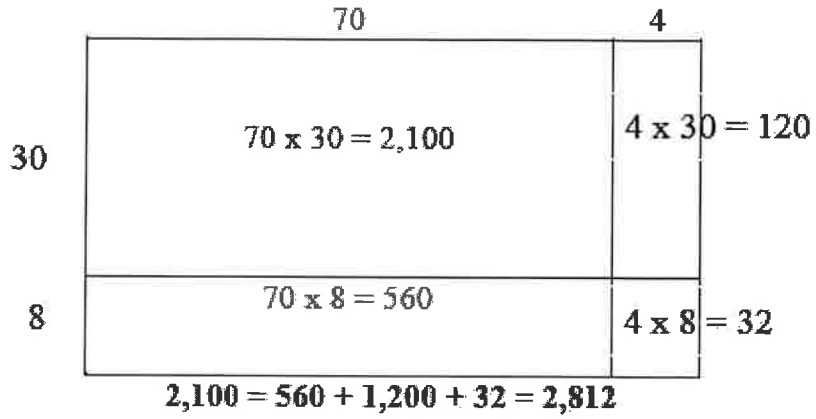
(A) 12,340

(B) 12,033

(C) 14,330

(D) 15,350

37 Which of the following arithmetic problems is illustrated by the area diagram below?



(A) 74 + 38 = ?

(B) 74 × 38 = ?

(C) 78 + 34 = ?

(D) 78 × 34 = ?

38 The Waterman School auditorium has 80 rows of seats. There are 50 seats in each row. What is the total number of seats in the Waterman School auditorium?

(A) 40,000

(B) 4,000

(C) 400

(D) 40

39 A merchant sells 36 boxes of apples in a day. There are 25 apples in each box.

How many apples were sold by the merchant?

(A) 252

(B) 770

(C) 900

(D) 1,872

40 A factory makes 3,132 chairs each month. What is the total amount of chairs the factory makes in 9 months?

(A) 27,141

(B) 27,978

(C) 28,188

(D) 28,800

41 Solve.

$522 \div 9 = ?$

42 Mr. Jones put 162 books on the library shelves. There are 6 shelves. He put the same number of books on each shelf.

How many books did Mr. Jones put on each shelf?

(A) 22

(B) 26

(C) 27

(D) 28

43 Fill in the missing numbers to complete the division problem.

6,957 ÷ 7 = _____

Remainder: _____

44 Alfredo picked $2\frac{3}{4}$ pounds of peaches from the tree in his backyard. He gave $1\frac{1}{4}$ pounds to his neighbor Madeleine. How many pounds of peaches does Alfredo have left?

(A) $1\frac{1}{4}$ pounds

(B) $1\frac{2}{4}$ pounds

(C) $1\frac{3}{4}$ pounds

(D) 4 pounds

45 During track practice, Jonathan ran $1\frac{5}{12}$ miles and Mark ran $1\frac{7}{12}$ miles. How many more miles did Mark run than Jonathan?

(A) $\frac{2}{12}$

(B) $2\frac{1}{2}$

(C) 2

(D) 3

46 Which number correctly completes the equation shown?

$5\frac{4}{8} + 1\frac{3}{8} = \Diamond$

(A) $\frac{33}{16}$

(B) $\frac{55}{8}$

(C) $4\frac{1}{8}$

(D) $6\frac{7}{16}$

47

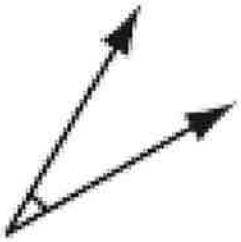
A 4th grade teacher bought 4 new pencil boxes. She has 260 pencils. She wants to put the pencils in the boxes so that each box has the same number of pencils. How many pencils will be in each box?

Show your work using numbers, words, and/or pictures.

48 Which of the following angles is obtuse?

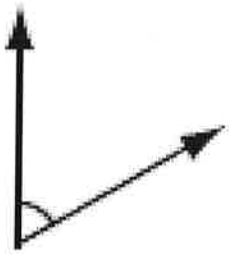
(A)

(B)



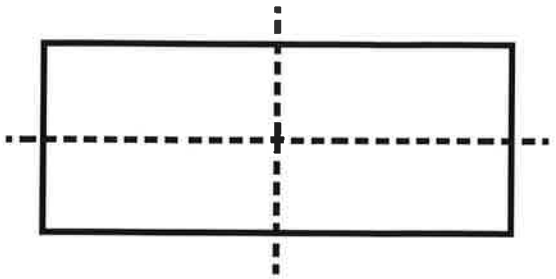
(C)

(D)

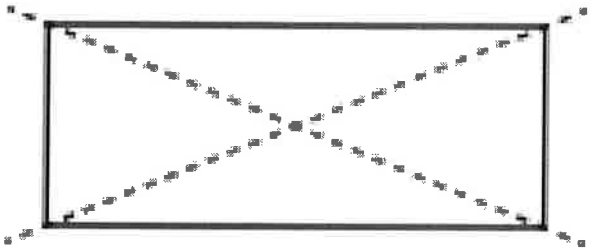


49 Which of the following rectangles is shown with **all** of its lines of symmetry?

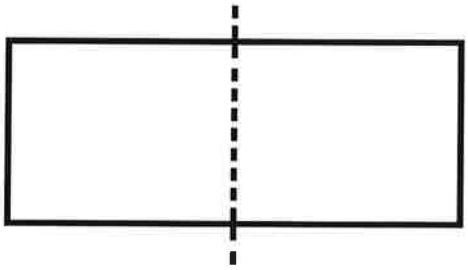
(A)



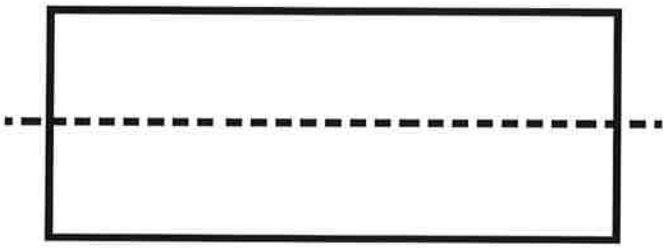
(B)



(C)



(D)



50 Sarah is 12 years old. George is g years old. Sarah is 3 times as old as George.

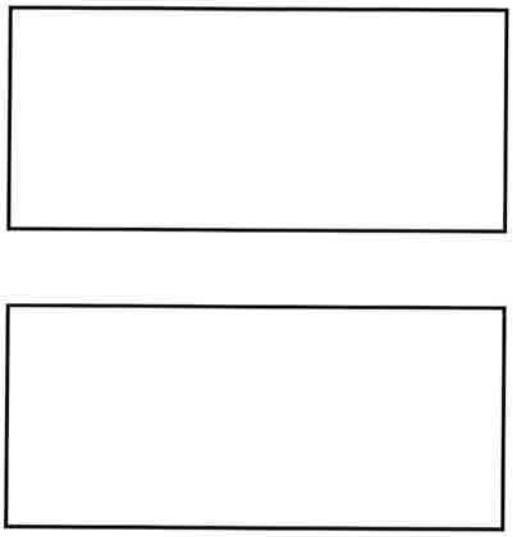
For letters a-c, circle YES or NO to indicate whether each statement is true.

YES or NO (a) George's age, in years, can be represented by the expression $12 \div 3$.

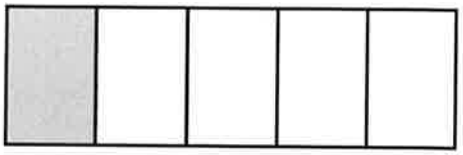
YES or NO (b) George is 15 years old.

YES or NO (c) George's age, in years, can be found by solving the equation $12 = 3 \times g$.

51 Using the two copies of the rectangle, create a diagram that shows that $\frac{1}{5} = \frac{2}{10}$. Write at least one sentence explaining why your diagram demonstrates this equivalence.

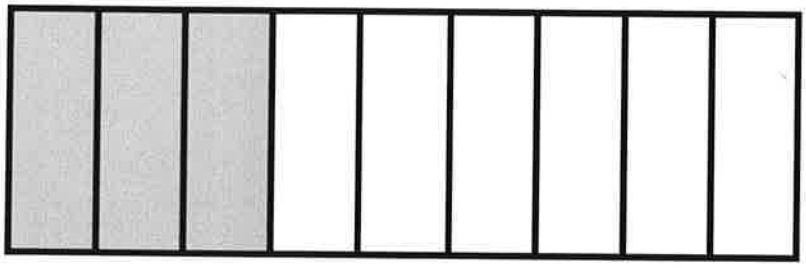


52 The shaded part of the rectangle below represents $\frac{1}{5}$.

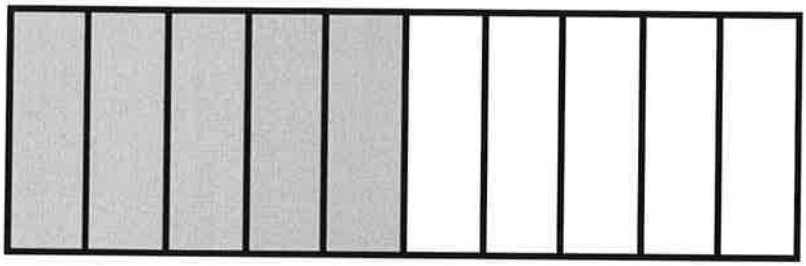


Which of the following rectangles is also shaded to represent $\frac{1}{5}$?

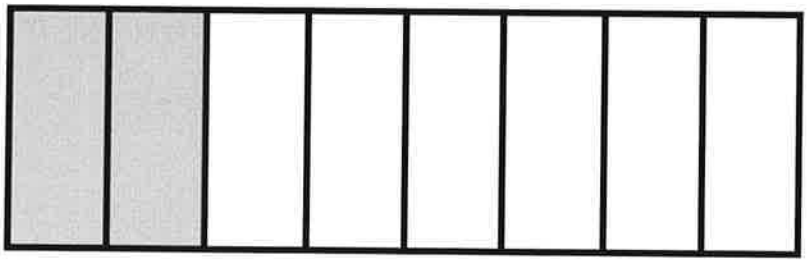
(A)



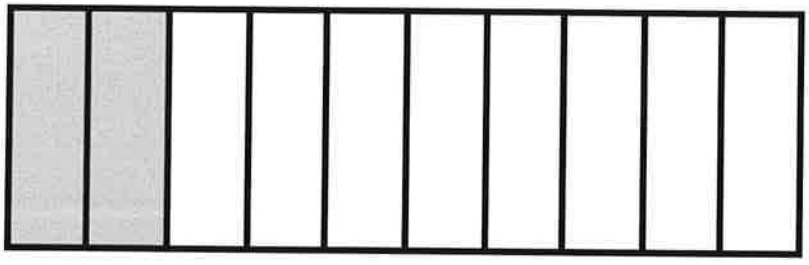
(B)



(C)



(D)



53 Eli cut a pizza into 6 equal slices. He ate $\frac{1}{2}$ of the pizza.

Which fraction best shows the part of the pizza Eli ate?

(A) $\frac{1}{6}$

(B) $\frac{1}{3}$

(C) $\frac{3}{6}$

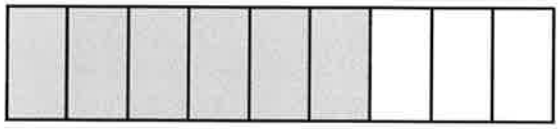
(D) $\frac{3}{2}$

54 What number can replace the question mark in order to make the number sentence true?

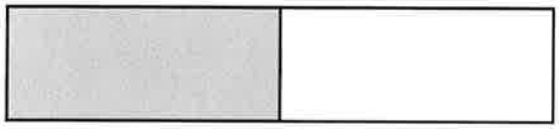
$$\frac{9}{10} = \frac{?}{100}$$

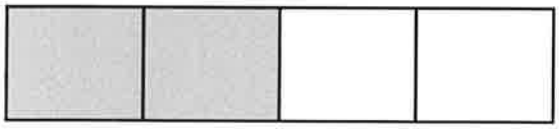
55 Alice writes the fractions $\frac{2}{3}$ and $\frac{6}{9}$. She uses fraction strips and concludes that they are equivalent fractions. Which shaded fraction strips could she use?

(A)

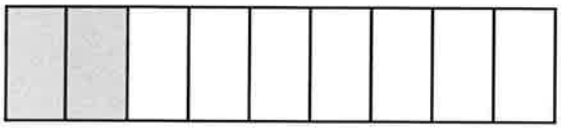


(B)

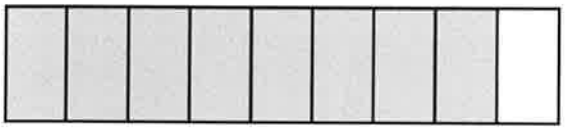




(C)



(D)



56 Figure A has $\frac{4}{12}$ of its whole shaded.

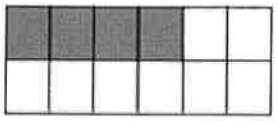


Figure A

Write **another** fraction equal to $\frac{4}{12}$.

57 Figure A has 2/3 of its whole shaded gray.

Figure A

Decide if each fraction is equal to $\frac{2}{3}$. Write Yes or No next to each fraction.

$\frac{4}{6}$ _____

$\frac{1}{2}$ _____

$\frac{8}{12}$ _____

58 Which pair of fractions is equivalent?

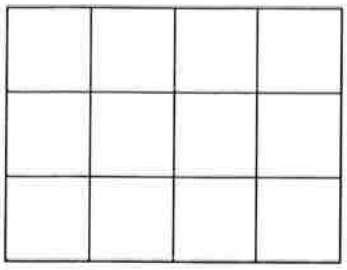
(A) $\frac{1}{3}$ and $\frac{3}{5}$

(B) $\frac{2}{4}$ and $\frac{3}{5}$

(C) $\frac{6}{10}$ and $\frac{4}{8}$

(D) $\frac{6}{10}$ and $\frac{3}{5}$

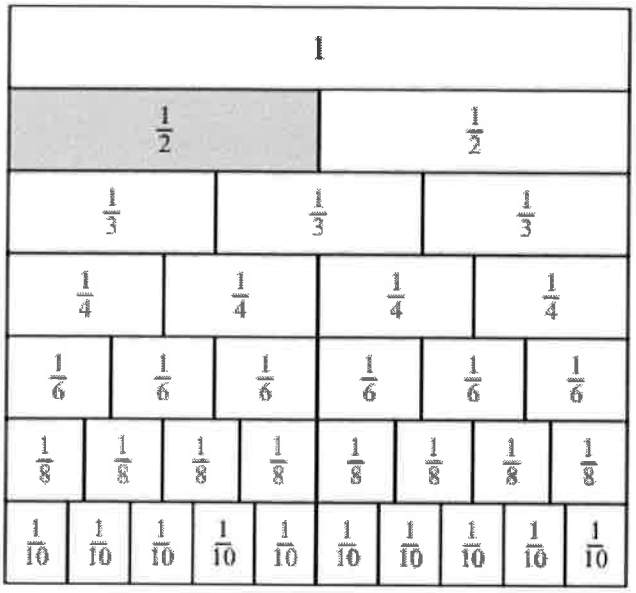
59 Martin cut a pan of corn bread into equal pieces as shown in the model.



Martin gave $\frac{1}{3}$ of the corn bread to his neighbor.

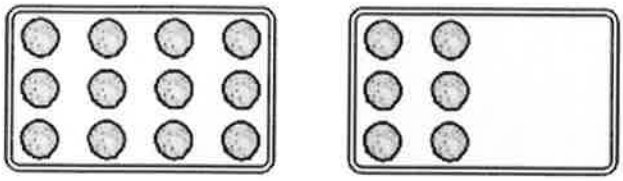
Explain how you can use the model to show $\frac{1}{3}$. Then write a fraction that is equivalent to $\frac{1}{3}$.

60 The fraction $\frac{1}{2}$ is shaded on the fraction model below.



Write **two** different fractions that are each equivalent to $\frac{1}{2}$.

61 The picture below shows the $1\frac{1}{2}$ pans of cookies that Reggie baked.



Which of the following is another way to write $1\frac{1}{2}$?

(A) $\frac{11}{2}$

(B) $\frac{18}{2}$

(C) $1\frac{6}{12}$

(D) $1\frac{6}{18}$

62 Select True if the equation is true. Select False if the equation is **not** true.

	True	False
$\frac{1}{4} = \frac{3}{12}$	☐	☐
$\frac{1}{2} = \frac{50}{100}$	☐	☐
$\frac{9}{10} = \frac{99}{100}$	☐	☐

63 Helen raised $12 for the food bank last year and she raised 6 times as much money this year. How much money did she raise this year?

(A) $2

(B) $18

(C) $72

(D) $78

64 A green shirt costs $32, and a purple shirt costs $8. How many times as much does the green shirt cost as the purple shirt?

(A) 3 times as much

(B) 4 times as much

(C) 24 times as much

(D) 40 times as much

65 Scott is reading a book that has 172 pages. Melanie is reading a book that has three times as many pages as Scott's book.

How many pages does Melanie's book have? Circle all the equations that represent this problem.

$172 \div 3 = \square$ $\quad$ $3 \times \square = 172$

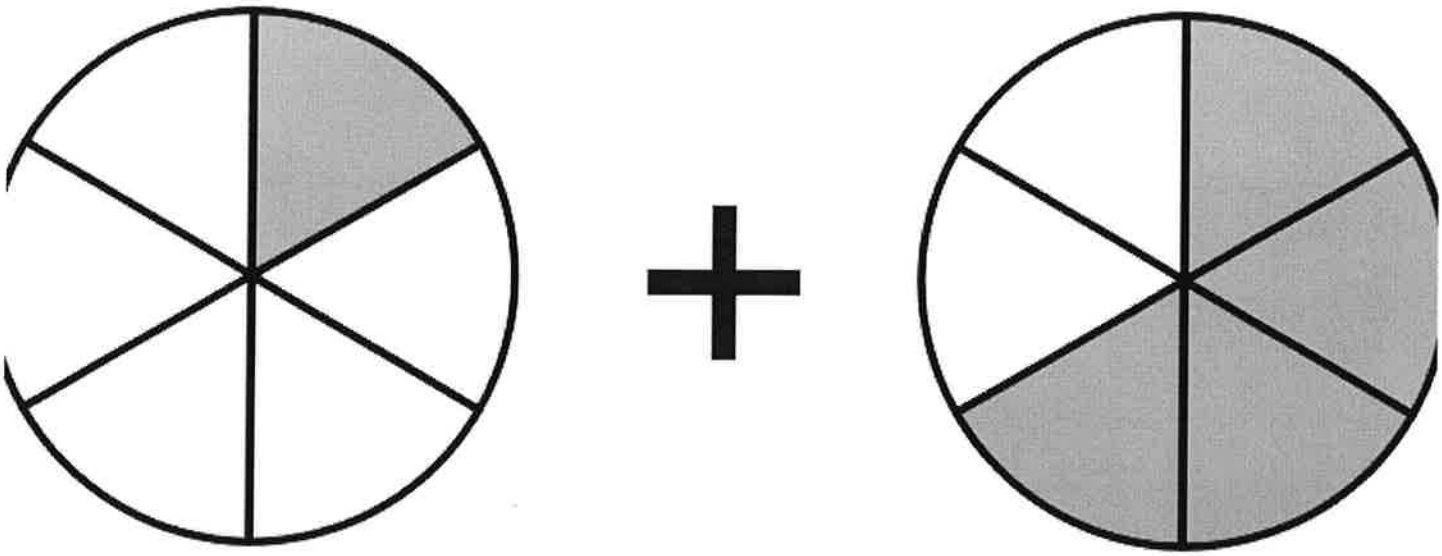
$172 \times 3 = \square$ $\quad$ $\square \div 3 = 172$

$\square \div 172 = 3$ $\quad$ $172 \div \square = 3$

66 The cost of buying a movie is 4 times the cost of renting a movie. It costs $20 to buy a movie.

What is the cost, in dollars, of renting a movie?

67 What is the solution to the problem?



$$\frac{1}{6} + \frac{4}{6}$$

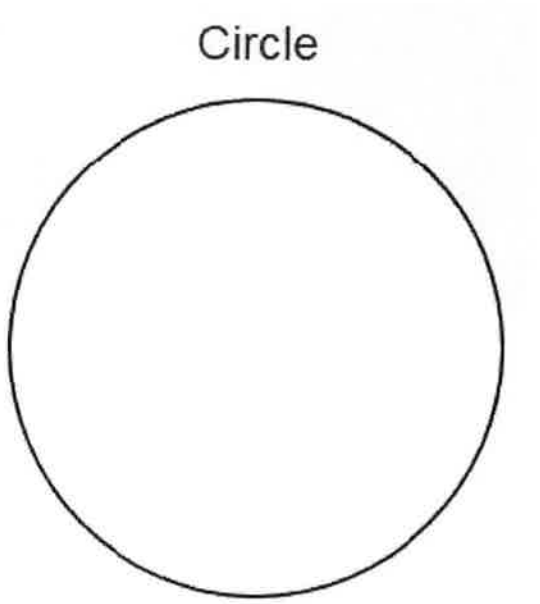
(A) $\frac{5}{12}$

(B) $\frac{3}{6}$

(C) $\frac{7}{10}$

(D) $\frac{5}{6}$

68 Use the circle to show the result of $\frac{3}{6} + \frac{2}{6}$. Divide the figure into the correct number of equal parts. Then shade the part or parts to represent the answer.



69 Which expression represents a total distance of $\frac{3}{10}$ of a meter?

(A) $\frac{10}{10}$ meter + $\frac{3}{10}$ meter

(B) $\frac{10}{10}$ meter - $\frac{3}{10}$ meter

(C) $\frac{1}{10}$ meter + $\frac{1}{10}$ meter + $\frac{1}{10}$ meter

(D) $\frac{3}{10}$ meter + $\frac{3}{10}$ meter + $\frac{3}{10}$ meter

70 Jason, John, Kendra, and Dana ate one full pizza altogether. Jason ate $\frac{3}{12}$ of the pizza, and John and Kendra each ate $\frac{2}{12}$ of the pizza. How much pizza did Dana eat?

Enter your answer in the space provided. Enter only your answer.