



Holy Name of Jesus School

Summer Reading, Language Arts, History, Science, and Math Work Students Entering Grade 7 – 2022/2023 School Year

Students entering 7th grade must complete the following work for the first day of school:

Summer Book Bingo: Please see attached for the summer book bingo assignment. Students must read 4-5 books to complete the bingo board depending on how they wish to complete bingo.

Language Arts: Students are to complete the grammar packet attached to this. This is due on the first day of the school completed to the best of your ability.

National History Day: Students are to complete the following worksheet inside of the packet in preparation for completing National History Day this upcoming school year.

Science Fair: Students are to bring an index card with their science fair topic on the first day of school. Pages are attached to show how to complete the index card and the science fair due dates.

Math: Students are to complete the correct packet. Accelerated is first then followed by Academic. This is due on the first day of school.

HNJ 7th and 8th Grade Summer Reading

How Bingo Works:

- You **must** complete one row of bingo this to be counted for your summer assignment.
- Bingo is either horizontal, vertical or diagonal.
- The book can either be an e-book or a physical copy of the book.
- You can only use ONE book for each column even if it can fit more than one spot.
- You can reread a book for fun but not for bingo
- There will be a short assignment for each book you read. This will be located on the HNJ website. You MUST use your HNJ email when submitting the assignment.
- Miss Beeghley and Mrs. Martinelli will be checking the assignment over the summer.
- **DO NOT READ:**
 - *Roll of Thunder, Hear My Cry* by Mildred D. Taylor
 - *The Giver* by Lois Lowery
 - *The Outsiders* by S.E. Hinton
 - *Where the Red Fern Grows* by Wilson Rawls

Enjoy reading!

Love, Miss Beeghley and Mrs. Martinelli :)



A sequel or
next part of
a series

Nominated
for an
award

Takes
place in
summer

Set on a
non-Earth
place

Has non-
human
characters

A book of
short
stories

Recommen-
ded to you

Any
nonfiction
book

Has 500+
pages

A classic
novel

Published in
the year
you were
born

A graphic
novel

**FREE
SPACE**

Set in
another
country

Turned into
a movie or
TV show

Has a
number in
the title

Set at a
school

Has a one-
word title

A book of
poems

Mystery
with a teen
detective

Any sports
related
novel

A novel
written in
verse or a
book of
poems

A book
outside of
your
comfort
zone

Historical
fiction

Fantasy
fiction

Reading Assignment

First and Last Name _____

Book Category for Bingo: _____

Title and author of the book: _____

In 3-5 sentences, describe one major theme of the novel: _____

On a scale of 1 to 5, would you recommend this book to a friend? (1 is you would not and 5 is you would) _____

Name: _____

Part 1: Identifying Parts of Speech- identify on the line provided if the underlined word is a noun, pronoun, adjective, adverb, verb, preposition, conjunction or interjection.

1. Frogs are tiny animals. _____
2. Varieties of frogs come in many shapes and sizes.

3. Who has seen the rough skins of frogs in less humid environments?

4. The largest of all frogs has a body length of almost 12 inches.

5. Wow! I can see the heart and other organs through the skin of this frog! _____

Part 2: Identifying Parts of Sentences- tell me if the underlined sentence is the complete subject, complete predicate, a fragment or the complete sentence.

6. Many tree frogs have adhesive disks on the ends of their fingers and toes. _____
7. Tree frogs can leap from branch to branch or from leaf to leaf.

8. Long powerful back legs. _____
9. The frog straightens its rear legs.

10. Kimberly asked me about the African Frog. _____

Part 3: Identifying Phrases and Clauses- on the line provided, state if the underlined part of the sentence is a prepositional phrase, a verb phrase, or an adjective phrase.

11. Frogs are able to inhabit most regions of the world. _____
12. Frogs' markings can hide the frog in its environment.

13. Although many frogs are plain in color, some species have brilliant markings. _____
14. Poisonous frogs are brightly colored as a warning to their predators. _____
15. Colored frogs are rarely just one color. _____

30. Sea snakes, like every other water reptiles, (has lungs, have lungs), not gills.

Part 7: Modifiers- fill in the chart for the different forms of the modifier.

Positive- base of the word	Comparative - er, more	Superlative- est, most
31. small		
32.		Most dangerous
33.	faster	
34. Good		
35.		Most sweetly

Part 8: Using Punctuation Marks- Place the correct punctuation at the end of the sentences or place the comma in the correct spot.

36. Fish can breathe underwater but water reptiles must swim to the surface to breathe.
37. I bought my pet turtle on June 18 2020 and my iguana arrived one month later
38. Do reptiles have long bodies!
39. I am going to tell you about crocodiles alligators green turtles and snapping turtles
40. A sea turtle cannot protect itself easily?

Part 9: Capitalization- Underline 3 times the letter of the word that is needed to be capitalized. If the word does not need a capital letter, one slash goes through the letter.

41. have You ever seen a marine iguana?
42. my friends, Richard and sandra, are helping Me with a report on lizards.
43. Alligators can be found in the southern part of the united states and in china.
44. My Dentist, dr. Sam Mallory, has two iguanas at home on fourth street.
45. We read about Reptiles in my Biology class in january.

See you in August!- Love Miss Beeghley

Name _____

NATIONAL HISTORY DAY: Frontiers in History: People, Places, Ideas (7th Grade)

Please **DEFINE** what a **FRONTIER** is. This definition should be in your own words, not from the dictionary, and should be two or three complete sentences.

With a clear understanding of a frontier, please list four (4) four themes where frontiers may have impacted history:

1.

2.

3.

4.

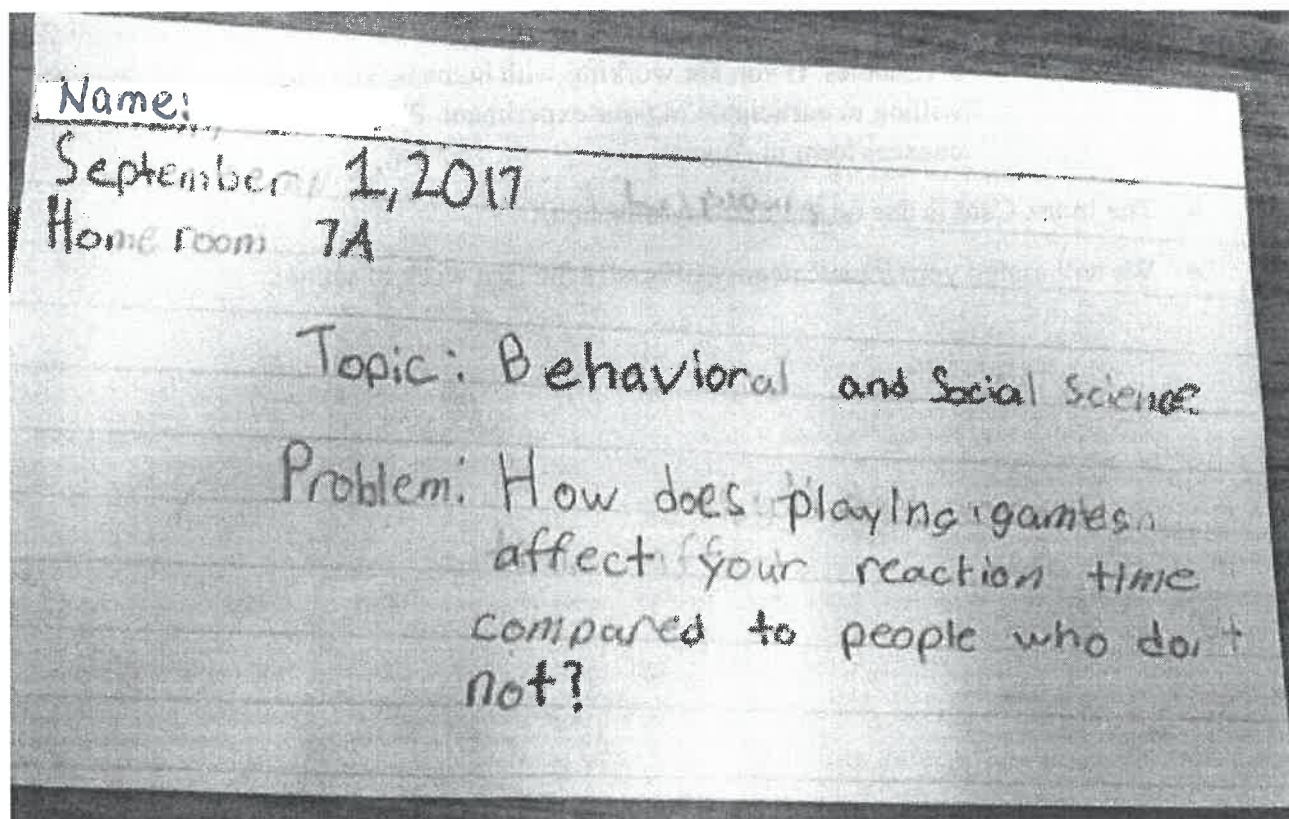
***Remember to question time and place, cause and effect, change over time, and impact and significance. What factors contributed to the development of a frontier? Why did it emerge, and how did it change, when did it cease to be a frontier? What impact did it have on the people who experienced it, and how did they affect it?

Science Fair

- Starting Science Fair
 - You should be entering Science Fair with a good topic
 - For topic ideas, please visit www.sciencebuddies.org. Also, speak with an adult about your project ideas. You can look at prior CASEF submissions and make it your own
 - If you would like any feedback, please email Miss Beeghley.
 - **These need to be testable ideas and not just observations!**
 - You need to be able to have a minimum of 5 trials of your experiment with 3 variables. If you are working with humans, you must have 30 people willing to participate in your experiment. Please see me for the human consent form in August.
- The Index Card is due on the first day of school.
- We will assign your topic/category officially the first week of school.

Index Card

- On a 3 X 5 index card, write your heading in the upper left hand corner
 - o Name
 - o Date
 - o Homeroom
- On separate lines write:
 - o Topic:
 - o Problem: The problem needs to be in a question format
 - o Align as shown in example
- Example of how to write the problem:
 - o General: How does (independent variable) affect (dependent variable)?
 - o Specific example: How does different colored lighting affect plant growth?



7th Math Accelerated

Give the place value of the underlined digit. Then round the number to that place.

1. 4561.23

2. 875.43

3. 87.344

4. 91.8756

Estimate the sum or difference by rounding each number to the place of its leading digit.

5. $1376 + 7602$

6. $54,929 - 23,781$

7. $94,528 - 45,095$

8. $580,349 + 290,111$

Find a low estimate and a high estimate for the product or quotient.

9. 238×87

10. 875×482

11. $6309 \div 53$

12. $4915 \div 86$

Order the numbers from least to greatest.

13. 4.3, 3.4, 4.5, 3.45

14. 0.71, 0.75, 0.7, 0.715

Perform the indicated operation.

15. $4.2 + 1.9$

16. $18.24 + 22.09$

17. $8.6 - 3.45$

18. $8.21 - 5.19$

19. 9.3×0.6

20. 15.2×7.1

21. $1.5 \div 0.3$

22. $18.25 \div 7.3$

Write the mixed number as an improper fraction.

23. $5\frac{3}{4}$

24. $6\frac{4}{13}$

Write the improper fraction as a mixed number.

25. $\frac{23}{6}$

26. $\frac{27}{11}$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

21. _____

22. _____

23. _____

24. _____

25. _____

26. _____

Find the sum or difference.

27. $\frac{3}{7} + \frac{2}{7}$

28. $\frac{6}{17} + \frac{9}{17}$

29. $\frac{17}{21} - \frac{7}{21}$

30. $\frac{16}{29} - \frac{5}{29}$

Find the product.

31. $8 \times \frac{3}{4}$

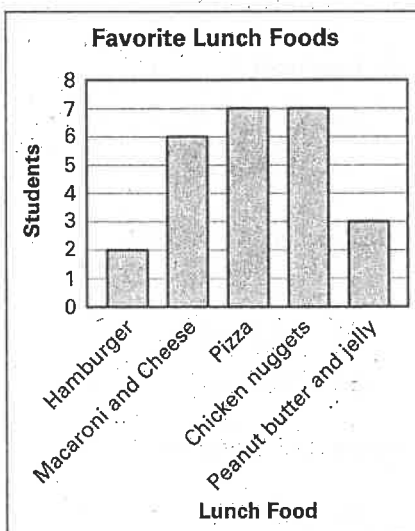
32. $\frac{5}{6} \times 30$

33. $4 \times \frac{7}{9}$

34. $\frac{4}{7} \times 9$

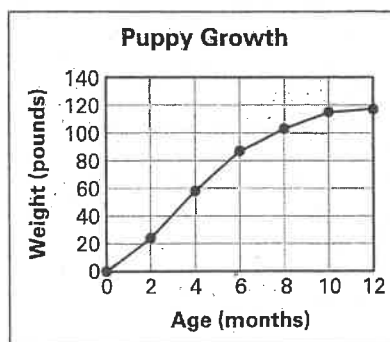
In Exercises 35–37, use the bar graph which shows the results of a survey of 25 students about their favorite lunch food.

35. How many students chose chicken nuggets?
36. Which two foods were chosen by the same number of people?
37. How many more students chose macaroni and cheese than chose hamburger?



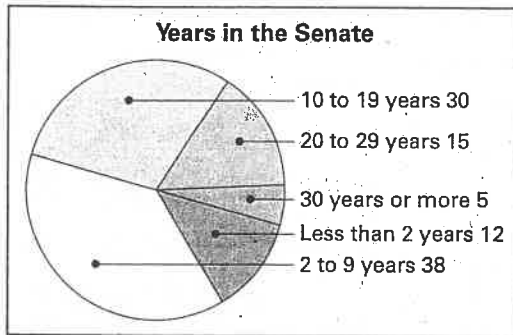
In Exercises 38–40, use the line graph which shows the weight of an Irish wolfhound puppy.

38. What was the weight of the puppy at 8 months?
39. How old was the puppy when it weighed 60 pounds?
40. Between which two ages was the weight increase the greatest? Between which two months was the weight gain the least?

**Answers**

27. _____
28. _____
29. _____
30. _____
31. _____
32. _____
33. _____
34. _____
35. _____
36. _____
37. _____
38. _____
39. _____
40. _____

In Exercise 41–43, use the circle graph which shows the number of years that a senator had worked in the U.S. Senate at the start of the 104th Congress.

**Answers**

41. _____

42. _____

43. _____

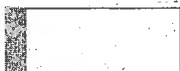
44. See left. _____

45. _____

41. How many senators had worked in the U.S. Senate for 10 to 19 years?
42. How many senators had worked in the U.S. Senate for 20 years or more?
43. How many senators had worked in the U.S. Senate for 9 years or less?
44. Using the set of whole numbers less than 13, draw a Venn diagram showing set *A*, which consists of numbers that are multiples of 2, and set *B*, which consists of numbers that are multiples of 3.

45. Use the Venn diagram from Exercise 44 to determine whether the following statement is true or false.

There are exactly two whole numbers less than 13 that are multiples of 2 and 3.



46. Draw and label a rectangle with a length of 5 centimeters and a width of 3 centimeters.

47. Find the perimeter of the rectangle in Exercise 46.

Copy and complete the statement.

48. 9 ft = ? yd 49. 560 mm = ? cm

Use a ruler to draw a segment with the given length.

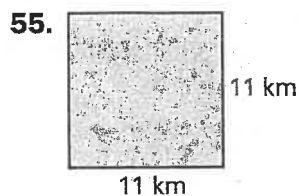
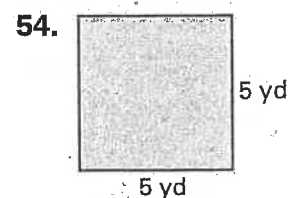
50. $\frac{5}{8}$ inch

51. 5.3 centimeters

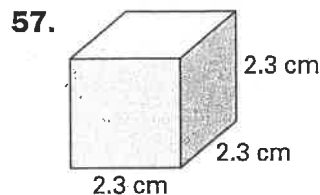
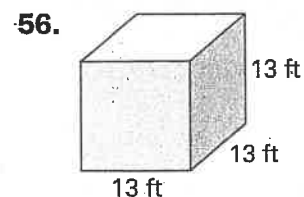
Use a ruler to find the length of the segment in inches and centimeters.

52. _____
53. _____

Find the area of the square.



Find the volume of the cube.



Answers

46. See left.
47. _____
48. _____
49. _____
50. See left.
51. See left.
52. _____
53. _____
54. _____
55. _____
56. _____
57. _____

Name _____

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Grade 7 Academic Math

Directions: Write all your work on the paper and put your final answer on the line provided. This assignment is due the **first day of school**.

Adding with missing numbers

Find the missing numbers:

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

1. $1700 + \underline{\hspace{2cm}} + 30 + 128 + 19 = 1880$

2. $94 + 2800 + 21 + \underline{\hspace{2cm}} + 3 = 3102$

3. $\underline{\hspace{2cm}} + 1800 + 30 + 177 + 19 = 2043$

4. $24 + 300 + 54 + \underline{\hspace{2cm}} + 8 = 536$

5. $15 + 50 + 7 + 191 + \underline{\hspace{2cm}} = 2863$

Find the product.

$$\begin{array}{r} 1. \quad 1,968 \\ \times \quad 91 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 4,825 \\ \times \quad 93 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 7,106 \\ \times \quad 19 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 7,606 \\ \times \quad 47 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 3,634 \\ \times \quad 15 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 6,780 \\ \times \quad 59 \\ \hline \end{array}$$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



Dividing Whole Numbers

Solve each problem.

$$1) \quad 50 \overline{) 7,080}$$

$$2) \quad 74 \overline{) 3,848}$$

$$3) \quad 41 \overline{) 9,389}$$

$$4) \quad 11 \overline{) 4,948}$$

$$5) \quad 21 \overline{) 6,594}$$

$$6) \quad 46 \overline{) 1,496}$$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

Convert the fractions into mixed numbers.

Page 3

1. $\frac{14}{3} =$ _____

2. $\frac{110}{17} =$ _____

3. $\frac{156}{14} =$ _____

4. $\frac{118}{13} =$ _____

5. $\frac{52}{6} =$ _____

6. $\frac{64}{15} =$ _____

Write the number in **two** other forms (fraction, decimal, or percent). Make sure the fraction is in simplest form.

1. 0.15 _____

2. $\frac{3}{8}$ _____

3. 4.902 _____

4. 5.25 _____



Comparing Fractions

Use '>', '<' or '=' to solve each problem.

Ex) $\frac{1}{6} < \frac{7}{10}$

1) $\frac{6}{10}$ $\frac{7}{8}$

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

3) $\frac{3}{12}$ $\frac{1}{4}$

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

5) $\frac{8}{10}$ $\frac{1}{5}$

Answers

Ex. $<$

1. _____

2. _____

3. _____

4. _____

5. _____

Multiplying Fractions

Solve each problem. Answer as an improper fraction (if necessary).

Answers

1)

$$3\frac{1}{2} \times \frac{8}{3} =$$

2)

$$1\frac{3}{4} \times \frac{5}{7} =$$

3)

$$\frac{14}{5} \times \frac{4}{7} =$$

4)

$$\frac{16}{5} \times 3\frac{1}{3} =$$

5)

$$1\frac{1}{5} \times \frac{5}{2} =$$

6)

$$\frac{3}{4} \times 3\frac{3}{5} =$$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



Dividing Fractions

Answer as a mixed number (if possible).

Answers

1)

$$\frac{48}{5} \div 2\frac{2}{3} =$$

2)

$$3\frac{3}{4} \div \frac{5}{2} =$$

3)

$$8\frac{1}{4} \div \frac{23}{3} =$$

4)

$$5\frac{2}{5} \div 4\frac{1}{3} =$$

5)

$$\frac{23}{3} \div 2\frac{1}{2} =$$

6)

$$\frac{4}{5} \div \frac{1}{2} =$$

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



Adding & Subtracting Decimals

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Solve each problem.

1) $67 - 45.2 =$ _____

2) $86 + 30.1 =$ _____

3) $93.72 - 31.060 =$ _____

4) $54 + 33.923 =$ _____

5) $97 - 62.2 =$ _____

Answers

1. _____

2. _____

3. _____

4. _____

5. _____



Multiplying with Decimals

Solve each problem.

1)
$$\begin{array}{r} 6.91 \\ \times 2.3 \\ \hline \end{array}$$

2)
$$\begin{array}{r} 65.61 \\ \times 4.73 \\ \hline \end{array}$$

3)
$$\begin{array}{r} 35.57 \\ \times 9.1 \\ \hline \end{array}$$

4)
$$\begin{array}{r} 64.9 \\ \times 2.10 \\ \hline \end{array}$$

5)
$$\begin{array}{r} 2.32 \\ \times 5.6 \\ \hline \end{array}$$

6)
$$\begin{array}{r} 36.10 \\ \times 4.9 \\ \hline \end{array}$$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____



Solve each problem. Round your answer to the nearest whole number.

Answers

1)

$$6.5 \overline{) 6804}$$

2)

$$.71 \overline{) 3746}$$

3)

$$.65 \overline{) 7366}$$

1. _____

2. _____

3. _____



Multiplying and Dividing Powers of Ten

Solve each problem.

1) $629.926 \div 10^3$

2) 77.71×10^1

3) $6.87 \div 10^4$

4) 21.56×10^1

5) $2.6 \div 10^1$

6) 238.21×10^3

7) $33.184 \div 10^3$

8) 574.91×10^3

9) $95.27 \div 10^3$

10) 396.399×10^2

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____



Use $<$, $>$ or $=$ to compare.

1) $98 \underline{\hspace{1cm}} 59$

2) $-16 \underline{\hspace{1cm}} -36$

3) $-95 \underline{\hspace{1cm}} |-41|$

4) $-89 \underline{\hspace{1cm}} 61$

5) $|52| \underline{\hspace{1cm}} |98|$

6) $|-85| \underline{\hspace{1cm}} |16|$

7) $-20 \underline{\hspace{1cm}} |-19|$

8) $69 \underline{\hspace{1cm}} |-31|$

Answers

1.

2.

3.

4.

5.

6.

7.

8.



Ordering Positive and Negative Integers

Determine which choice best answers the question.

- 1) Which choice shows the values from greatest to least?

A. $-83, -60, -50, -59$
 B. $-50, -59, -60, -83$
 C. $-60, -83, -50, -59$
 D. $-50, -83, -59, -60$

- 2) Which choice shows the values from least to greatest?

A. $-7, -3, 9, 10$
 B. $10, 9, -7, -3$
 C. $-3, -7, 10, 9$
 D. $-7, -3, 10, 9$

- 3) Which choice shows the values from least to greatest?

A. $6, 0, -3, -4$
 B. $6, -4, 0, -3$
 C. $-4, -3, 0, 6$
 D. $0, -3, 6, -4$

- 4) Which choice shows the values from greatest to least?

A. $-76, -65, -56, -53$
 B. $-53, -56, -76, -65$
 C. $-76, -65, -53, -56$
 D. $-53, -56, -65, -76$

- 5) Which choice shows the values from greatest to least?

A. $-105, -798, -366, -407$
 B. $-105, -366, -407, -798$
 C. $-407, -798, -105, -366$
 D. $-407, -798, -366, -105$

- 6) Which choice shows the values from least to greatest?

A. $-79, -73, -54, -52$
 B. $-73, -79, -52, -54$
 C. $-73, -79, -54, -52$
 D. $-54, -73, -52, -79$

Answers

1.

2.

3.

4.

5.

6.