

Summer Reading Project for Incoming Third Graders

Over the summer, you will need to read at least one chapter book on which to do a project. The book must be 80-150 pages long, and it must be a book you have never read before. The book must not be a movie. When you return to school in the fall, you will have to turn in one of two projects to me.

Project Option 1:

1. Read the book.
2. On a piece of poster board, use words and pictures to tell about the book. You will need to tell who the characters are, what the setting of the book is, and what the plot of the story is (but don't give away the ending!). Don't forget to put the title of the book on the poster board.
3. You will need to prepare an oral presentation to share in front of the class. Your poster can help you know what to say about the book.
4. You may add extra visual aides to your presentation (such as pictures, puppets or another poster).

Project Option 2:

1. Read the book.
2. As you read, keep a journal to write a summary of each chapter. Your journal can be a folder with paper, a spiral-bound notebook, or any other kind of journal.
3. In the first journal entry, be sure to tell who the characters are and what the setting is.
4. Write in your journal in cursive or in neat printing. You will be sharing your journal with the class.

You will turn the projects in on the first day of school. If you are doing the oral presentation, be sure to bring in all the materials you need.

Homework Practice*Problem Solving Investigation: Choose a Strategy***Use any strategy shown below to solve.**

- Look for a pattern
- Make a table
- Draw a picture
- Guess and check
- Work backward

1. Marisela walks to and from school each day. It takes her 13 minutes to walk to school. How much time does Marisela spend walking to and from school each week?

2. There are two numbers whose sum is 9 and the difference is five. What are the two numbers?

3. The sign on the elevator says that it can safely carry 3,000 lbs. If you estimate that the average human weighs 150 lbs, how many people can ride in the elevator at one time?

4. A round trip ticket to Dallas is about \$325. A one way ticket with restrictions can be purchased for \$89. How much money can I save buying two one way tickets with restrictions?

Spiral Review**On another piece of paper draw a picture for each fraction. Shade the fraction. (Lesson 13-2)**

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

6. $\frac{1}{3}$

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

8. $\frac{4}{7}$

9. $\frac{3}{5}$

10. $\frac{7}{8}$

Homework Practice*Find Equivalent Fractions***Draw an equivalent fraction for the following fractions.**

1. $\frac{3}{6}$

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

3. $\frac{3}{9}$

4. $\frac{2}{4}$

5. $\frac{5}{10}$

6. $\frac{6}{8}$

Write an equivalent fraction for each fraction.

7. two-sixths _____

8. eight-tenths _____

9. four-eighths _____

10. six-ninths _____

Solve.

11. Fred offered three fourths of the pizza or nine-twelfths of the pizza. Did he offer equal portions? _____

12. Alfonso needed help mowing the lawn. Danny offered to mow one fourth and Hector offered to mow one sixth. Will Alfonso have more than half or less than half of the lawn to mow? _____

Spiral Review**Choose a strategy to solve. Tell which one you use. (Lesson 13-3)**

- Guess and check
- Make a table
- Draw a picture
- Work backward
- Look for a pattern

13. Gregoria needs to be to school by 8:15. It takes her 20 minutes to walk and about 30 minutes to get ready in the morning. What time should Gregoria wake up each morning? _____

14. There are two numbers whose sum is 10 and the difference is 2. What is the number? _____

15. Augusto's school supplies totaled \$11. He gave the clerk three five-dollar bills. How much change did he receive? _____

16. Ramon has four brothers; two older and two younger. They are each two years apart. If Ramon is nine, how old is his oldest brother?

Homework Practice*Problem Solving Strategy: Draw a Picture***Solve. Use the *draw a picture* strategy.**

1. Lorena opened up her top drawer. She had twelve pairs of socks in the drawer. Three pairs were patterned, six were colored, and the rest were white. How many pairs of socks were white?

2. Rafael was sorting his 2 dozen model cars. He had 8 red cars, 5 green vans, 6 pickup trucks, and the rest were one of a kind cars. How many one of a kind cars did Rafael have?

3. Five cats are sitting on the fence. The black cat is second. The orange cat is next to the grey cat, and the striped cat is on the end. If the grey cat is fourth, where is the white cat?

4. Dora took a dozen crackers out of the oven. Kenny ate three and Marcos ate five. How many are left?

5. There are six pairs of shoes in the closet. There is one pair of sneakers, two pairs of flip flops, and one pair of dress shoes. The rest do not fit. How many pairs of shoes do not fit?

6. Watson is 3 miles directly south of Panera. Caribou is 2 miles directly west of Watson. Wells is 3 miles directly north of Panera. Is that possible? Explain.

Spiral Review**Use models to complete the equivalent fractions. (Lesson 13-4)**

7. $\frac{3}{4} = \frac{\square}{12}$

8. $\frac{1}{8} = \frac{\square}{16}$

9. $\frac{2}{5} = \frac{\square}{10}$

10. $\frac{5}{7} = \frac{\square}{21}$

11. $\frac{\square}{4} = \frac{\square}{6}$

12. $\frac{\square}{32} = \frac{2}{16}$

Homework Practice*Compare and Order Fractions*

Compare. Write $>$, $<$, or $=$. Use fraction strips, a number line, or a drawing if needed.

1. $\frac{1}{2}$ ○ $\frac{3}{4}$

2. $\frac{3}{5}$ ○ $\frac{2}{5}$

3. $\frac{1}{6}$ ○ $\frac{2}{6}$

4. $\frac{1}{4}$ ○ $\frac{1}{8}$

5. $\frac{2}{6}$ ○ $\frac{1}{4}$

6. $\frac{3}{8}$ ○ $\frac{1}{4}$

7. $\frac{2}{5}$ ○ $\frac{7}{8}$

8. $\frac{2}{8}$ ○ $\frac{2}{3}$

9. $\frac{2}{3}$ ○ $\frac{3}{8}$

10. $\frac{1}{3}$ ○ $\frac{2}{6}$

11. $\frac{3}{7}$ ○ $\frac{2}{5}$

12. $\frac{3}{4}$ ○ $\frac{5}{8}$

Solve.

- 13.** Morgan, Wes, and Carlos eat a box of raisins. Morgan eats $\frac{1}{2}$ of the raisins. Carlos eats $\frac{1}{4}$ of the raisins and Wes eats $\frac{1}{3}$ of the raisins. Order the amounts of the eaten raisins in order from greatest to least.
- _____

- 14.** The cookie recipe calls for $\frac{3}{4}$ cup of flour, $\frac{1}{2}$ cup of sugar, and $\frac{1}{8}$ teaspoon of salt. Order the amount of ingredients from least to greatest.
- _____

Spiral Review

Solve. Use the *draw a picture* strategy. (Lesson 13-5)

- 15.** Carolina walked west one block, south one block, east one block, and south one block. Did she make a complete square? _____

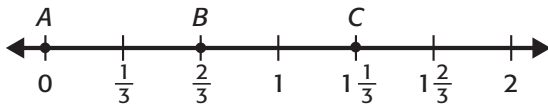
- 16.** Six lunch boxes sat on the ledge. Half were plain, and the rest had cartoon characters on them. How many were plain? _____

- 17.** There were twelve flowers in the vase. Three were red, four were orange, and the rest were yellow. How many yellow flowers were in the vase? _____

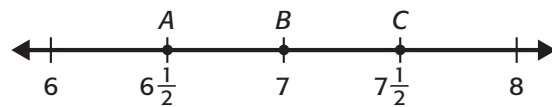
- 18.** There were 15 houses on the block. Eight of them hung the flag out to fly. Did more than half the houses fly the flag? _____

Homework Practice*Locate Fractions on a Number Line***Locate a point on the number line.**

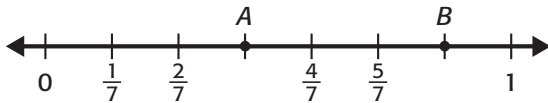
1. $\frac{2}{3} =$ Point _____



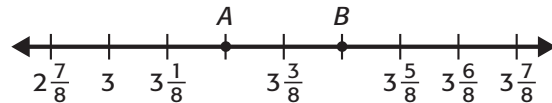
2. $6\frac{1}{2} =$ Point _____

**Write a fraction to name a point on the number line.**

3. Point A = _____



4. Point B = _____

**Solve.**5. Name the two fractions that are between $\frac{1}{10}$ and $\frac{4}{10}$ on a number line.

6. Name the fraction that is between $\frac{2}{5}$ and $\frac{4}{5}$ on a number line.

7. Name three fractions that are between $\frac{1}{9}$ and $\frac{8}{9}$ on a number line.

8. Name the fraction that is between $\frac{4}{6}$ and 1 on a number line.

Spiral Review**Compare. Use $<$, $>$, or $=$. (Lesson 13-6)**

9. $\frac{1}{8} \bigcirc \frac{5}{8}$

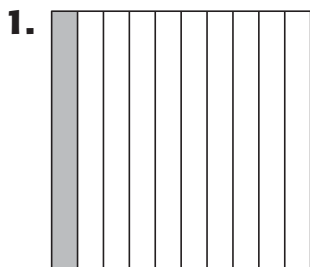
10. $\frac{2}{3} \bigcirc \frac{1}{3}$

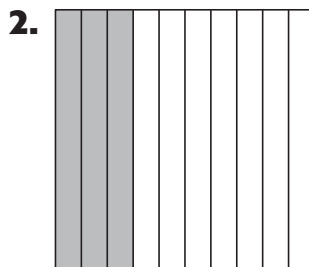
11. $\frac{5}{7} \bigcirc \frac{4}{7}$

12. $\frac{2}{4} \bigcirc \frac{4}{8}$

13. $\frac{3}{9} \bigcirc \frac{1}{3}$

14. $\frac{5}{6} \bigcirc \frac{2}{6}$

Homework Practice*Tenths***Write a fraction and a decimal for the part that is shaded.**



Write each fraction as a decimal.

3. $\frac{5}{10}$ _____

4. four tenths _____

5. $\frac{2}{10}$ _____

6. Benny ate $\frac{3}{10}$ of his snack. _____

7. Han ate $\frac{1}{10}$ of his beans. _____

Write each decimal as a fraction.

8. 0.6 _____

9. 0.8 _____

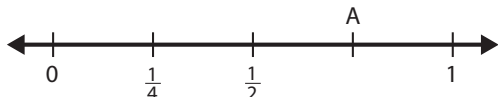
10. 0.1 _____

11. Jamil had 0.5 of his sandwich left. _____

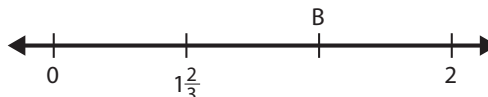
12. Arnie has 0.2 of his drink. _____

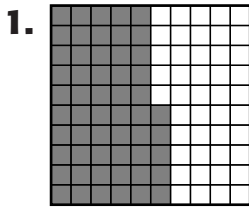
Spiral Review**Name the points on the number line (Lesson 13-8)**

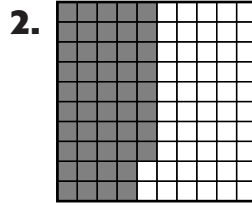
13. Point A = _____

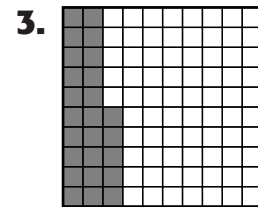


14. Point B = _____



Homework Practice*Hundredths***Write a fraction and a decimal for the part that is shaded.**





Write each decimal as a fraction.

4. 0.64 _____

5. 0.17 _____

6. 0.48 _____

7. 0.35 _____

Spiral Review**Write each fraction as a decimal. (Lesson 14-1)**

8. $\frac{3}{10}$ _____

9. $\frac{6}{10}$ _____

10. $\frac{2}{10}$ _____

11. $\frac{7}{10}$ _____

12. $\frac{4}{10}$ _____

Write each decimal as a fraction.

13. 0.1 _____

14. 0.3 _____

Homework Practice*Problem-Solving Strategy***Solve. Use the *work backward* strategy.**

1. Olivia is packing for vacation. Her large suitcase will fit 36 items of clothing and her small suitcase will fit 18 items of clothing. If she wants to bring 60 items of clothing, how many will she have to leave behind?

2. Gavin is saving up to buy a new bicycle. The one he wants costs \$125. His mother is giving him \$50, but he will have to earn the rest by mowing lawns for \$5 each. How many lawns will he have to mow before he can buy the bicycle?

3. It's 2 P.M. and Marvin needs to finish reading a 150-page book before returning it to the library at 5 P.M. He has already read 90 pages of the book. How many pages an hour does he have to read to return the book on time?

4. Francesca is a flower girl in a wedding. She has to drop rose petals on the ground with every other step she takes down the aisle. If it will take her 18 steps to make it down the aisle and her basket holds 360 rose petals, about how many petals can she drop each time?

Spiral Review (Lesson 14-2)**Write each fraction as a decimal.**

5. $\frac{7}{10}$ _____

6. $\frac{3}{10}$ _____

7. $\frac{92}{100}$ _____

Write each decimal as a fraction.

8. 0.4 _____

9. 0.6 _____

10. 0.65 _____

Homework Practice*Problem-Solving Investigation: Choose a Strategy***Use any strategy shown below to solve. Tell what strategy you used.**

- Make an organized list
- Act it out
- Work backward
- Draw a picture
- Use logical reasoning

- 1.** School starts at 8:45 A.M. Nick needs 30 minutes to get dressed and eat breakfast. It then takes him 35 minutes to get to school. What time does he have to wake up to be on time for school?
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- 2.** Melanie planted chives in her herb garden. After 2 weeks, they grew to 4 inches. The next day, they measured 5 and a half inches. The day after that, they measured 7 inches. If they continue growing at this rate, how tall were the chives the day after that?
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- 3.** Pepe needs to put lightbulbs on the second floor of his house. Two of the bedrooms have ceiling lamps that need 3 bulbs each. The other bedroom has 2 lamps that each need 1 bulb. The 4 bulbs above the bathroom mirror also need to be replaced. How many bulbs does Pepe need in all?
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Spiral Review (Lesson 14-4)**Write the part of the dollar each amount represents.**

- 4.** Randy has 6 dimes and 3 nickels. How much money does he have all together?
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- 5.** Lewis went to the store to buy hamster food. He spent 4 quarters and 4 dimes. How much did he spend altogether?
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15-1**Homework Practice***Multiply Multiples of 10, 100, and 1,000***Multiply. Use basic facts and patterns.**

1. $2 \times 3 = \underline{\hspace{2cm}}$

$2 \times 30 = \underline{\hspace{2cm}}$

$2 \times 300 = \underline{\hspace{2cm}}$

$2 \times 3,000 = \underline{\hspace{2cm}}$

2. $7 \times 5 = \underline{\hspace{2cm}}$

$7 \times 50 = \underline{\hspace{2cm}}$

$7 \times 500 = \underline{\hspace{2cm}}$

$7 \times 5,000 = \underline{\hspace{2cm}}$

3. $5 \times 8 = \underline{\hspace{2cm}}$

$5 \times 80 = \underline{\hspace{2cm}}$

$5 \times 800 = \underline{\hspace{2cm}}$

$5 \times 8,000 = \underline{\hspace{2cm}}$

4. $2 \times 7 = \underline{\hspace{2cm}}$

$2 \times 70 = \underline{\hspace{2cm}}$

$2 \times 700 = \underline{\hspace{2cm}}$

$2 \times 7,000 = \underline{\hspace{2cm}}$

5. $6 \times 3 = \underline{\hspace{2cm}}$

$6 \times 30 = \underline{\hspace{2cm}}$

$6 \times 300 = \underline{\hspace{2cm}}$

$6 \times 3,000 = \underline{\hspace{2cm}}$

6. $7 \times 6 = \underline{\hspace{2cm}}$

$7 \times 60 = \underline{\hspace{2cm}}$

$7 \times 600 = \underline{\hspace{2cm}}$

$7 \times 6,000 = \underline{\hspace{2cm}}$

7. $3 \times 80 = \underline{\hspace{2cm}}$

9. $400 \times 8 = \underline{\hspace{2cm}}$

11. $50 \times 60 = \underline{\hspace{2cm}}$

13. $700 \times 60 = \underline{\hspace{2cm}}$

8. $5 \times 4,000 = \underline{\hspace{2cm}}$

10. $20 \times 9 = \underline{\hspace{2cm}}$

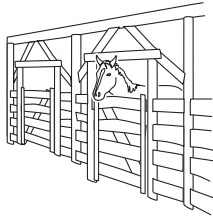
12. $30 \times 40 = \underline{\hspace{2cm}}$

14. $7 \times 900 = \underline{\hspace{2cm}}$

Solve.**15.** There were 4 rows of desks in Cecilia's classroom and 10 in each row. How many desks were there? _____**16.** On Valentine's Day the florist delivered 100 vases of flowers. Each vase held one dozen flowers. (Remember: a dozen = 12) How many flowers were delivered that day? _____**Spiral Review (Lesson 14-5)****Choose the best strategy to solve.****17.** If one pair of jeans cost \$39, how much would ten pairs of jeans cost? _____**18.** Five students were in line. Emily was next to Isabel. Isabel was next to Brittany. Susana was last. Where was Ernesto? _____

15-2**Homework Practice***Problem-Solving Strategy: Logical Reasoning***Solve. Use logical reasoning.**

1. There were three horses in four stalls. Lightning was in the first stall and Pinto was in the fourth. Ginger was next to Lightning. Which stall was empty? _____



2. Ben was hungry for a good snack, but wasn't sure what to choose from the fruit basket. The bananas, apples, pears, and kiwis looked delicious. He was walking out the door, so he didn't want to deal with a peel, and the pears weren't ripe. What did he pick? _____
3. Katie was the oldest of five children. She had one younger sister and three younger brothers. Brendan was in the middle, Tommy was older than Brendan, and Brendan was older than Lily. Where did John come in the family?

4. What is the largest three digit number you can write without using a 9 in the hundreds place or ones place, or an 8 in the tens place? _____
5. Five cats were in the backyard. Oscar belonged to Robin. Gizmo belonged to Jason. Cosmo and Burt didn't belong to Kirsten, and Speck didn't belong to Pat. Whom did Cosmo belong to? _____
6. Carmen, Manuel, and Diego argued about who was first in line. Diego had been line leader last week, and the teacher said "ladies first." Who will be first in line? _____
7. Marta made three sandwiches; turkey on a roll, ham on white, and tuna on rye. Jen doesn't like rolls and Ana doesn't care for deli meats. What is Marta left with for lunch? _____

Spiral Review**Multiply. (Lesson 15-1)**

9. $80 \times 60 =$ _____ 10. $6 \times 5,000 =$ _____ 11. $7 \times 70 =$ _____
12. $400 \times 20 =$ _____ 13. $20 \times 20 =$ _____ 14. $300 \times 9 =$ _____

Homework Practice*Estimate Products***Estimate. Round to the nearest ten.**

1. $72 \times 4 =$ _____ 2. $15 \times 6 =$ _____ 3. $45 \times 3 =$ _____ 4. $82 \times 8 =$ _____
 5. $34 \times 6 =$ _____ 6. $27 \times 5 =$ _____ 7. $66 \times 7 =$ _____ 8. $87 \times 3 =$ _____

Estimate. Round to the nearest hundred.

9. $370 \times 9 =$ _____ 10. $252 \times 5 =$ _____ 11. $416 \times 5 =$ _____
 12. $509 \times 6 =$ _____ 13. $626 \times 3 =$ _____ 14. $849 \times 4 =$ _____
 15. $639 \times 8 =$ _____ 16. $771 \times 9 =$ _____ 17. $235 \times 4 =$ _____

Solve. Estimate by rounding to the nearest ten or nearest hundred.

18. Sonia carved a pumpkin and found 843 seeds inside. If she carved 5 more pumpkins, about how many seeds should she find? _____
19. The washer takes about 53 minutes to complete a load of laundry. If Francisco washes 8 loads of laundry a week, about how long is the washer running? _____

Spiral Review**Solve. Use logical reasoning. (Lesson 15-2)**

20. Four girls discussed their favorite colors. Olivia likes the color of oranges and pumpkins. Marisol likes the hues of grass and tree leaves. Patricia likes shades similar to apples and cherries. Cristina likes the color of the sky when the sun is shining. What color did each girl like?
- _____

21. There were three gifts in three boxes. The toy was not in the metal box. The homemade pretzels were not in a cardboard box. The stuffed animal was not in a wooden or cardboard box. What gifts were in each of the boxes?
- _____

Homework Practice*Multiply by a One-Digit Number***Multiply.**

1. $2 \times 44 = \underline{\quad}$ 2. $2 \times 43 = \underline{\quad}$ 3. $2 \times 123 = \underline{\quad}$ 4. $3 \times 23 = \underline{\quad}$
 5. $10 \times 9 = \underline{\quad}$ 6. $214 \times 2 = \underline{\quad}$ 7. $3 \times 131 = \underline{\quad}$ 8. $42 \times 2 = \underline{\quad}$
 9. $11 \times 8 = \underline{\quad}$ 10. $30 \times 3 = \underline{\quad}$ 11. $141 \times 2 = \underline{\quad}$ 12. $212 \times 4 = \underline{\quad}$
 13. $400 \times 2 = \underline{\quad}$ 14. $323 \times 3 = \underline{\quad}$ 15. $312 \times 2 = \underline{\quad}$ 16. $114 \times 2 = \underline{\quad}$
 17. $918 \times 1 = \underline{\quad}$ 18. $300 \times 3 = \underline{\quad}$ 19. $100 \times 9 = \underline{\quad}$ 20. $11 \times 7 = \underline{\quad}$
 21. $402 \times 2 = \underline{\quad}$ 22. $131 \times 2 = \underline{\quad}$ 23. $232 \times 3 = \underline{\quad}$ 24. $222 \times 4 = \underline{\quad}$

Solve.

25. There is a shelf in the living room that has 4 shelves. There are 12 books on each shelf. How many books are there on the four shelves? _____
26. Jorge is collecting baseball cards. He has 22 stacks of 4 cards. How many cards does he have altogether? _____
27. Susana collected 2 cents at the recycling plant for each of her 242 cans. How much money did she collect altogether? _____
28. Enrique can read a page in 3 minutes. How long will it take him to read 13 pages? _____

Spiral Review**Estimate. Round to the nearest ten or hundred. (Lesson 15-3)**

29. $85 \times 6 = \underline{\quad}$ 30. $703 \times 4 = \underline{\quad}$ 31. $315 \times 4 = \underline{\quad}$
 32. $895 \times 3 = \underline{\quad}$ 33. $56 \times 7 = \underline{\quad}$ 34. $49 \times 5 = \underline{\quad}$

Homework Practice: Choose a Strategy*Problem-Solving Investigation***Solve. Use any strategy shown below.**

- Use the four-step plan
- Solve a simpler problem
- Make an organized list
- Draw a picture
- Act it out
- Use logical reasoning

1. It's Monday night. Irene has to type up 16 pages between now and Friday morning. How many pages will she need to type a night to meet her deadline?

2. Ernesto has 8 dimes, 2 nickels, and 10 pennies. What is the fewest number of coins he could carry in his pocket that would equal the same amount of money?

3. Four friends were sitting around a table playing cards. Jude sat across from Pat, and Kurt was to the left of Jude. Where was Sean?

4. Alicia is trying to decide how much lemonade to make. If two cups equals a pint, and 2 pints equals a quart, how many cups are in 4 quarts?

5. Bernice is designing a diamond pattern for her new patchwork quilt. How many right triangles can she make out of a square of fabric?

6. Mariano was offering Jackie a deal. He was offering her $\frac{5}{8}$ of a 9-inch pizza for $\frac{4}{9}$ of a 9-inch cake. If Jackie accepts, who is getting more to eat?

Spiral Review**Multiply. (Lesson 15-4)**

7. $22 \times 3 =$ _____

8. $44 \times 2 =$ _____

9. $123 \times 2 =$ _____

10. $3,003 \times 3 =$ _____

11. $212 \times 4 =$ _____

12. $424 \times 2 =$ _____

Homework Practice*Multiply Two-Digit Numbers***Multiply.**

1. $24 \times 6 =$ _____ 2. $15 \times 4 =$ _____ 3. $56 \times 2 =$ _____ 4. $19 \times 5 =$ _____
 5. $36 \times 3 =$ _____ 6. $82 \times 4 =$ _____ 7. $61 \times 6 =$ _____ 8. $50 \times 5 =$ _____

Solve.

9. Elena was reading a book with 9 chapters. Each chapter had 21 pages. How many pages did the book have? _____
10. Laura walked her dog 6 blocks a day. How many blocks did she walk in 21 days? _____
11. The lemonade was served in 20-ounce cups. There were 9 thirsty players in line. If each received one cup of lemonade, how many ounces of lemonade would be served to the players?

12. There were 7 ice cubes in each glass. How many ice cubes were needed for 18 glasses? _____

Spiral Review**Choose the best strategy to solve. (Lesson 15-5).**

13. If one pair of jeans cost \$39, how much would ten pairs of jeans cost? _____
14. Five students were in line. Emily was next to Isabel. Isabel was next to Brittany. Susana was last. Where was Ernesto? _____
15. Adam wanted to buy 10 newspapers at a quarter a piece. How much money did he spend?

Homework Practice*Multiply Greater Numbers***Multiply.**

1. $152 \times 3 =$ _____

2. $427 \times 4 =$ _____

3. $127 \times 5 =$ _____

4. $1,724 \times 3 =$ _____

5. $536 \times 2 =$ _____

6. $214 \times 3 =$ _____

7. $521 \times 4 =$ _____

8. $392 \times 6 =$ _____

9. $2,386 \times 6 =$ _____

10. $3,074 \times 7 =$ _____

11. $812 \times 8 =$ _____

12. $75 \times 7 =$ _____

Solve.

13. A round-trip plane ticket to Fort Worth, Texas, is \$267. How much would 5 tickets cost? _____

14. If there are 128 ounces in a gallon of milk, how many ounces are in 9 gallons? _____

15. Mrs. Hernandez took her class on a field trip to the zoo. Admission to the zoo was \$5. There were 25 students in the class. How much did it cost for the class to enter the zoo? _____

Spiral Review**Multiply. (Lesson 15-6)**

16. $32 \times 5 =$ _____

17. $94 \times 3 =$ _____

18. $57 \times 8 =$ _____

19. $27 \times 6 =$ _____

20. $81 \times 4 =$ _____

21. $23 \times 4 =$ _____