

# ST. STEPHEN SCHOOL

## SUMMER WORK 2026: READING

### RISING GRADE 6 STUDENTS Welcome to Middle School!

This summer you are required to read **2** books.  
You will read a **fiction** book and a **nonfiction** book chosen by your teacher.

Rising sixth graders will read Holes by Louis Sachar.

**When we return to school, we will be discussing the assigned fiction book. Be prepared for our discussion. You may want to highlight, underline or take notes to better engage in your reading and in our follow-up discussion in class. These are your books. You may annotate the text (write in the margins) or use sticky notes to record your thinking. You will also be required to design a one-pager about this book (sample idea with rubric attached). After returning to school, there will be a quiz following a review in class.**

The one-pager will be graded under Assignments; the quiz will be graded under Assessments.

For the nonfiction book, you need to read Towers Falling, by Jewell Parker Rhodes.

**We will review this book and complete a mini unit about 9/11. There will be written assignments as well as a quiz following this unit. As with the fiction book, please feel free to take notes in your book to help you with discussions and other class work to be completed.**

All classwork activities will be graded under the Assignments category; the quiz will be graded under Assessments.

*This is due on the first day of school in August.*

# One Pager Directions

A one pager is a way to visually share key ideas and information from what you have learned. When you create a one pager, you are trying to use both visual symbols and important words to clearly and concisely share your most important takeaways with someone else. For this one pager, I've provided you with a template.

## Here's what it MUST INCLUDE:

- A border of key quotations from the text
- The top half should focus on symbolism and themes from the text, including both ***words and images.***
- The bottom half should focus on key characters from the text and how they develop, change, and interact. It should also include both ***words and images.***

You may also add other symbols, drawings, and words that represent the reading as you wish.

### One-Pager Rubric

	1	2-3	4	5
<b>Textual Analysis</b>	Not clear whether the maker of this one-pager read the text.	Shows some understanding of the text, though several points seem confused.	Shows a relatively strong understanding of the text.	Shows a deep understanding of the text.
<b>Required Elements</b>	Very few of the required elements are present.	Several key elements are missing. The one-pager is somewhat scattered.	Almost every required element is on the one-pager.	Every required element is included. Additional elements may also have been added.
<b>Thoroughness</b>	This one-pager barely shows an understanding of the text. Very little detail or depth.	There is not much depth or detail present in the various sections.	While this one-pager is fairly thorough, some sections gloss the surface.	This piece is amazing in its attention to detail.




**ST. STEPHEN**  
SCHOOL

**SUMMER WORK 2026: MATH**

**RISING GRADE 6th STUDENTS**

Summer Math Work for Rising 6th Graders  
Summer 2026

Welcome to Middle School!

Attached, you will find review work that will help you prepare for 6th grade. Your completed packet is due on the first day of school.

If you have any questions or have any difficulty completing a section, please have a parent write a note on that page, and we will address it when we are back in school.

Attach any work completed on another piece of paper. This will be graded and placed in Category One (classwork and assignments) in the first trimester.

If you need extra help, there are resources online to assist you. You may want to go to [IXL.com](http://IXL.com), [khanacademy.org](http://khanacademy.org), Math with Mr. J on YouTube, or [Mathantics.com](http://Mathantics.com).

Also, remember to practice your basic facts in addition, subtraction, multiplication, and division!

Have a great summer!  
See you in August!  
Mrs. Brockmeyer and Mr. Polack

Name \_\_\_\_\_ Date \_\_\_\_\_

## Whole Numbers: Place Value, Compare, and Order

---

Name the period of the underlined digits.

1. 234,837,925 \_\_\_\_\_      2. 835,927,002 \_\_\_\_\_  
3. 420,310,964 \_\_\_\_\_      4. 667,026,514 \_\_\_\_\_

Write the place of the underlined digit. Then write its value.

5. 64,809,380 \_\_\_\_\_      6. 1,256,867 \_\_\_\_\_  
7. 516,090,212 \_\_\_\_\_      8. 134,075,206 \_\_\_\_\_  
9. 710,835 \_\_\_\_\_      10. 6,491,686 \_\_\_\_\_  
11. 837,601,425 \_\_\_\_\_      12. 223,106,458 \_\_\_\_\_  
13. 42,100,000 \_\_\_\_\_      14. 305,817,902 \_\_\_\_\_

Write in order from least to greatest.

15. 1407; 14,027; 140,270; 1704 \_\_\_\_\_  
16. 62,809; 62,900; 62,890; 62,908 \_\_\_\_\_  
17. 1,429,027; 1,692,065; 104,803; 2,863,246  
\_\_\_\_\_  
18. 26,329,248; 27,329; 26,330,248; 26,330  
\_\_\_\_\_  
19. 140,328; 104,328; 140,823; 140,238  
\_\_\_\_\_  
20. 2,348,954; 948,657; 1,498,238; 84,969  
\_\_\_\_\_

Write in order from greatest to least.

21. 2024; 2025; 3025; 3024 \_\_\_\_\_  
22. 77,077; 780,171; 178,071; 1,778,081  
\_\_\_\_\_  
23. 69,001,521; 6,901,521; 69,520,101; 9,650,125  
\_\_\_\_\_
-

Name \_\_\_\_\_ Date \_\_\_\_\_

## Round Whole Numbers

---

Round each to the nearest ten.

1. 85 \_\_\_\_\_      2. 54 \_\_\_\_\_      3. 685 \_\_\_\_\_      4. 541 \_\_\_\_\_  
5. 4384 \_\_\_\_\_      6. 3992 \_\_\_\_\_      7. 2978 \_\_\_\_\_      8. 4122 \_\_\_\_\_  
9. 26,364 \_\_\_\_\_      10. 85,555 \_\_\_\_\_      11. 68,756 \_\_\_\_\_      12. 53,107 \_\_\_\_\_  
13. 595,833 \_\_\_\_\_      14. 728,259 \_\_\_\_\_      15. 187,375 \_\_\_\_\_

Round each to the nearest hundred.

16. 114 \_\_\_\_\_      17. 157 \_\_\_\_\_      18. 6861 \_\_\_\_\_      19. 2325 \_\_\_\_\_  
20. 14,387 \_\_\_\_\_      21. 10,153 \_\_\_\_\_      22. 44,413 \_\_\_\_\_      23. 39,109 \_\_\_\_\_  
24. 523,684 \_\_\_\_\_      25. 157,253 \_\_\_\_\_      26. 828,935 \_\_\_\_\_

Round each to the nearest thousand.

27. 1024 \_\_\_\_\_      28. 2438 \_\_\_\_\_      29. 1152 \_\_\_\_\_  
30. 22,814 \_\_\_\_\_      31. 67,538 \_\_\_\_\_      32. 48,900 \_\_\_\_\_  
33. 708,099 \_\_\_\_\_      34. 756,502 \_\_\_\_\_      35. 324,703 \_\_\_\_\_  
36. 264,931 \_\_\_\_\_      37. 857,299 \_\_\_\_\_      38. 623,584 \_\_\_\_\_

Write the place to which each number was rounded.

39. 3044 to 3040 \_\_\_\_\_      40. 2917 to 3000 \_\_\_\_\_  
41. 58,246 to 58,200 \_\_\_\_\_      42. 617,489 to 617,500 \_\_\_\_\_  
43. 23,569 to 23,570 \_\_\_\_\_      44. 153,706 to 154,000 \_\_\_\_\_  
45. 12,035 to 12,000 \_\_\_\_\_      46. 827,012 to 827,000 \_\_\_\_\_

Round each to the given place. Circle the letter of the correct answer.

47. 45,361 to the nearest thousand      a. 45,000      b. 45,300      c. 45,400  
48. 9456 to the nearest hundred      a. 9500      b. 9460      c. 9400  
49. 26,185 to the nearest ten      a. 26,180      b. 26,200      c. 26,190  
50. 517,365 to the nearest hundred      a. 517,000      b. 517,300      c. 517,400  
51. 828,294 to the nearest thousand      a. 829,000      b. 828,000      c. 828,300
-

Name \_\_\_\_\_ Date \_\_\_\_\_

## Factors, Multiples, and Divisibility

---

List all the factors of each number.

- |        |        |         |         |
|--------|--------|---------|---------|
| 1. 8   | 2. 17  | 3. 49   | 4. 24   |
| _____  | _____  | _____   | _____   |
| 5. 33  | 6. 16  | 7. 36   | 8. 75   |
| _____  | _____  | _____   | _____   |
| 9. 63  | 10. 54 | 11. 12  | 12. 18  |
| _____  | _____  | _____   | _____   |
| 13. 26 | 14. 48 | 15. 55  | 16. 20  |
| _____  | _____  | _____   | _____   |
| 17. 96 | 18. 84 | 19. 100 | 20. 123 |
| _____  | _____  | _____   | _____   |

List the first ten nonzero multiples of each number.

- |              |              |
|--------------|--------------|
| 21. 2 _____  | 22. 3 _____  |
| 23. 1 _____  | 24. 6 _____  |
| 25. 11 _____ | 26. 9 _____  |
| 27. 10 _____ | 28. 12 _____ |
| 29. 21 _____ | 30. 30 _____ |
| 31. 40 _____ | 32. 50 _____ |

Which numbers are divisible by 2? by 5? by 10?

- |                  |                  |                  |                  |               |
|------------------|------------------|------------------|------------------|---------------|
| 33. 37 _____     | 34. 24 _____     | 35. 17 _____     | 36. 39 _____     | 37. 66 _____  |
| 38. 125 _____    | 39. 262 _____    | 40. 480 _____    | 41. 932 _____    | 42. 521 _____ |
| 43. 45 _____     | 44. 80 _____     | 45. 64 _____     | 46. 27 _____     | 47. 35 _____  |
| 48. 660 _____    | 49. 524 _____    | 50. 735 _____    | 51. 909 _____    | 52. 876 _____ |
| 53. 12,000 _____ | 54. 20,110 _____ | 55. 45,186 _____ | 56. 29,338 _____ |               |
| 57. 8459 _____   | 58. 6950 _____   | 59. 3180 _____   | 60. 1793 _____   |               |
| 61. 39,001 _____ | 62. 43,000 _____ | 63. 64,128 _____ | 64. 87,900 _____ |               |
-

Name \_\_\_\_\_ Date \_\_\_\_\_

## Decimals to Hundredths

---

Read each decimal. Then write the place and value of the underlined digit.

- |                          |                          |
|--------------------------|--------------------------|
| 1. 0. <u>7</u> _____     | 2. 6. <u>24</u> _____    |
| 3. <u>38</u> .91 _____   | 4. 9. <u>05</u> _____    |
| 5. 18. <u>32</u> _____   | 6. 24. <u>53</u> _____   |
| 7. 3. <u>08</u> _____    | 8. <u>54</u> .64 _____   |
| 9. <u>732</u> .4 _____   | 10. 867. <u>65</u> _____ |
| 11. <u>30</u> .08 _____  | 12. 500. <u>26</u> _____ |
| 13. 609. <u>59</u> _____ | 14. 25 <u>8</u> .1 _____ |
| 15. 0. <u>75</u> _____   | 16. <u>60</u> .07 _____  |

Write each decimal.

- |  |  |
|--|--|
| 17. three tenths _____   | 18. sixty-one hundredths _____           |
| 19. nine hundredths _____                                      | 20. eight tenths _____                   |
| 21. fifty-five and six tenths _____                            | 22. nineteen and twelve hundredths _____ |
| 23. eight and seven hundredths _____                           | 24. thirty-two and five tenths _____     |
| 25. eight hundred forty-seven and fifty-three hundredths _____ |  |
| 26. five hundred seventy-nine and two hundredths _____         |  |
| 27. nine hundred nine and one tenth _____                      |  |

Write the word name for each decimal.

- |                  |                |
|------------------|----------------|
| 28. 0.6 _____    | 29. 0.12 _____ |
| 30. 0.2 _____    | 31. 0.48 _____ |
| 32. 0.09 _____   | 33. 1.3 _____  |
| 34. 56.7 _____   |                |
| 35. 83.31 _____  |                |
| 36. 128.04 _____ |                |
| 37. 407.3 _____  |                |
| 38. 200.26 _____ |                |
| 39. 705.05 _____ |                |
| 40. 630.17 _____ |                |
-

Name \_\_\_\_\_ Date \_\_\_\_\_

## Add Whole Numbers and Decimals

---

1. 
$$\begin{array}{r} 532 \\ + 197 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 908 \\ + 46 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 2384 \\ + 4689 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 37,561 \\ + 26,082 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 17,836 \\ + 2,467 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 27,268 \\ + 14,243 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 103,259 \\ + 262,137 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 73,942 \\ + 2,009 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 74,608 \\ + 32,517 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 849,182 \\ + 617,007 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 456,126 \\ + 9,499 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 87,654 \\ + 585 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 18.38 \\ + 7.15 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 83.7 \\ + 4.34 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 9.29 \\ + 3.1 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 51.8 \\ + 16.5 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} \$4.64 \\ + 3.95 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} \$57.06 \\ + 8.19 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} \$75.98 \\ + 14.89 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} \$25.15 \\ + 61.38 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 0.69 \\ 1.87 \\ + 3.2 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} 8.48 \\ 0.3 \\ + 6.27 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} 0.05 \\ 1.71 \\ + 8.23 \\ \hline \end{array}$$

24. 
$$\begin{array}{r} \$10.99 \\ 1.46 \\ + 5.19 \\ \hline \end{array}$$

25.  $467 + 895 =$  \_\_\_\_\_

26.  $126 + 79 =$  \_\_\_\_\_

27.  $1699 + 5732 =$  \_\_\_\_\_

28.  $9081 + 61,482 =$  \_\_\_\_\_

29.  $84,207 + 3,659 =$  \_\_\_\_\_

30.  $176,505 + 32,899 =$  \_\_\_\_\_

31.  $64.98 + 8.32 =$  \_\_\_\_\_

32.  $0.6 + 53.1 + 0.11 =$  \_\_\_\_\_

33.  $\$38.25 + \$41.93 + \$7.08 =$  \_\_\_\_\_

34.  $\$6.92 + \$18.46 + \$24.48 =$  \_\_\_\_\_

---

Name \_\_\_\_\_ Date \_\_\_\_\_

## Subtract Whole Numbers

---

1.  $\begin{array}{r} 138 \\ - 79 \\ \hline \end{array}$

2.  $\begin{array}{r} 856 \\ - 28 \\ \hline \end{array}$

3.  $\begin{array}{r} 632 \\ - 179 \\ \hline \end{array}$

4.  $\begin{array}{r} 1265 \\ - 484 \\ \hline \end{array}$

5.  $\begin{array}{r} 800 \\ - 240 \\ \hline \end{array}$

6.  $\begin{array}{r} 7587 \\ - 3612 \\ \hline \end{array}$

7.  $\begin{array}{r} 453 \\ - 75 \\ \hline \end{array}$

8.  $\begin{array}{r} 527 \\ - 248 \\ \hline \end{array}$

9.  $\begin{array}{r} 4524 \\ - 395 \\ \hline \end{array}$

10.  $\begin{array}{r} 2675 \\ - 320 \\ \hline \end{array}$

11.  $\begin{array}{r} 9812 \\ - 7464 \\ \hline \end{array}$

12.  $\begin{array}{r} 8751 \\ - 4392 \\ \hline \end{array}$

13.  $\begin{array}{r} 32,345 \\ - 28,888 \\ \hline \end{array}$

14.  $\begin{array}{r} 38,416 \\ - 6,518 \\ \hline \end{array}$

15.  $\begin{array}{r} 956,231 \\ - 629,555 \\ \hline \end{array}$

16.  $\begin{array}{r} 0.73 \\ - 0.16 \\ \hline \end{array}$

17.  $\begin{array}{r} 0.9 \\ - 0.2 \\ \hline \end{array}$

18.  $\begin{array}{r} 0.5 \\ - 0.06 \\ \hline \end{array}$

19.  $\begin{array}{r} 0.84 \\ - 0.2 \\ \hline \end{array}$

20.  $\begin{array}{r} 0.45 \\ - 0.41 \\ \hline \end{array}$

21.  $\begin{array}{r} 15.79 \\ - 10.63 \\ \hline \end{array}$

22.  $\begin{array}{r} 29.5 \\ - 4.7 \\ \hline \end{array}$

23.  $\begin{array}{r} 68.1 \\ - 17.38 \\ \hline \end{array}$

24.  $\begin{array}{r} 59.7 \\ - 8.04 \\ \hline \end{array}$

25.  $\begin{array}{r} 81.17 \\ - 9.5 \\ \hline \end{array}$

26.  $\begin{array}{r} \$90.57 \\ - 4.39 \\ \hline \end{array}$

27.  $\begin{array}{r} \$5.16 \\ - 0.99 \\ \hline \end{array}$

28.  $\begin{array}{r} \$28.24 \\ - 26.09 \\ \hline \end{array}$

29.  $\begin{array}{r} \$17.49 \\ - 8.57 \\ \hline \end{array}$

30.  $\begin{array}{r} \$77.66 \\ - 25.09 \\ \hline \end{array}$

31.  $2445 - 1986 = \underline{\hspace{2cm}}$

32.  $8458 - 2879 = \underline{\hspace{2cm}}$

33.  $24,145 - 16,958 = \underline{\hspace{2cm}}$

34.  $746,231 - 527,854 = \underline{\hspace{2cm}}$

35.  $4.15 - 0.7 = \underline{\hspace{2cm}}$

36.  $9.5 - 6.86 = \underline{\hspace{2cm}}$

37.  $37.6 - 0.08 = \underline{\hspace{2cm}}$

38.  $93.8 - 5.81 = \underline{\hspace{2cm}}$

---

Name \_\_\_\_\_ Date \_\_\_\_\_

## Inverse Operations

---

Find the missing number using inverse operations.

1.  $7 + a = 11$

2.  $16 + n = 57$

3.  $73 + g = 112$

4.  $b + 327 = 509$

5.  $\$83.97 + y = \$95.00$

6.  $h + \$739 = \$6892$

7.  $r - 37 = 35$

8.  $32 - j = 21$

9.  $t - \$41.75 = \$32.00$

10.  $52 - t = 38$

11.  $329 - s = 298$

12.  $\$93,250 - k = \$52,500$

13.  $86 \times r = 774$

14.  $y \times 27 = 1215$

15.  $168 \times s = 672$

16.  $75b = \$225$

17.  $42t = 294$

18.  $17c = \$680$

19.  $a \div 6 = 8$

20.  $p \div 7 = 56$

21.  $v \div 9 = 75$

22.  $d \div 3 = \$499$

23.  $n \div 5 = 135$

24.  $y \div 80 = 254$

---

Name \_\_\_\_\_ Date \_\_\_\_\_

## Multiply by 1- and 2-Digit Numbers

---

1. 
$$\begin{array}{r} 18 \\ \times 7 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 52 \\ \times 5 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 93 \\ \times 8 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 647 \\ \times 8 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 237 \\ \times 9 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 80 \\ \times 5 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 75 \\ \times 6 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} \$3.99 \\ \times 3 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} \$2.07 \\ \times 8 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} \$4.09 \\ \times 7 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 729 \\ \times 6 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 324 \\ \times 4 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 778 \\ \times 5 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 456 \\ \times 4 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 479 \\ \times 3 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 276 \\ \times 5 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 532 \\ \times 8 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 124 \\ \times 7 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 896 \\ \times 9 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} \$1.42 \\ \times 2 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 48 \\ \times 27 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} 79 \\ \times 84 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} \$95 \\ \times 77 \\ \hline \end{array}$$

24. 
$$\begin{array}{r} \$47 \\ \times 39 \\ \hline \end{array}$$

25. 
$$\begin{array}{r} \$75 \\ \times 63 \\ \hline \end{array}$$

26. 
$$\begin{array}{r} 24 \\ \times 56 \\ \hline \end{array}$$

27. 
$$\begin{array}{r} 65 \\ \times 18 \\ \hline \end{array}$$

28. 
$$\begin{array}{r} 34 \\ \times 48 \\ \hline \end{array}$$

29. 
$$\begin{array}{r} \$56 \\ \times 92 \\ \hline \end{array}$$

30. 
$$\begin{array}{r} \$16 \\ \times 88 \\ \hline \end{array}$$

31. 
$$\begin{array}{r} 352 \\ \times 87 \\ \hline \end{array}$$

32. 
$$\begin{array}{r} 914 \\ \times 62 \\ \hline \end{array}$$

33. 
$$\begin{array}{r} 725 \\ \times 46 \\ \hline \end{array}$$

34. 
$$\begin{array}{r} \$8.49 \\ \times 63 \\ \hline \end{array}$$

35. 
$$\begin{array}{r} \$5.58 \\ \times 39 \\ \hline \end{array}$$

36.  $9 \times 193 =$  \_\_\_\_\_ 37.  $6 \times 819 =$  \_\_\_\_\_ 38.  $24 \times 347 =$  \_\_\_\_\_

39.  $3 \times \$84 =$  \_\_\_\_\_ 40.  $8 \times \$2.55 =$  \_\_\_\_\_ 41.  $15 \times \$7.29 =$  \_\_\_\_\_

42.  $15 \times 24 =$  \_\_\_\_\_ 43.  $92 \times 83 =$  \_\_\_\_\_ 44.  $27 \times \$88 =$  \_\_\_\_\_

---

Name \_\_\_\_\_ Date \_\_\_\_\_

## Divide Whole Numbers

---

1.  $6 \overline{)71}$

2.  $4 \overline{)69}$

3.  $7 \overline{)437}$

4.  $8 \overline{)\$6.48}$

5.  $45 \overline{)785}$

6.  $33 \overline{)596}$

7.  $24 \overline{)658}$

8.  $52 \overline{)\$8.84}$

9.  $18 \overline{)2453}$

10.  $67 \overline{)2165}$

11.  $98 \overline{)9988}$

12.  $76 \overline{)\$93.48}$

13.  $87 \overline{)3175}$

14.  $29 \overline{)8693}$

15.  $41 \overline{)3462}$

16.  $16 \overline{)\$15.20}$

### PROBLEM SOLVING

17. A school paid \$62.25 for 25 identical paintbrushes.  
What did each paintbrush cost?

\_\_\_\_\_

18. Each tour bus carries 35 passengers. If 1470 people  
sign up for a local tour, how many full buses  
will there be?

\_\_\_\_\_

---

Name \_\_\_\_\_ Date \_\_\_\_\_

## Add and Subtract Fractions: Like Denominators

---

Add or subtract the fractions. Write each answer in simplest form.

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

2.  $\frac{4}{15}$   
 $+\frac{6}{15}$

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

4.  $\frac{3}{10}$   
 $+\frac{2}{10}$

5.  $\frac{1}{3}$   
 $+\frac{1}{3}$

6.  $\frac{6}{12}$   
 $+\frac{2}{12}$

7.  $\frac{5}{8}$   
 $+\frac{5}{8}$

8.  $\frac{3}{6}$   
 $+\frac{4}{6}$

9.  $\frac{1}{2}$   
 $+\frac{1}{2}$

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

11.  $\frac{4}{10}$   
 $+\frac{5}{10}$

12.  $\frac{1}{4}$   
 $+\frac{2}{4}$

13.  $\frac{5}{12}$   
 $-\frac{2}{12}$

14.  $\frac{8}{10}$   
 $-\frac{1}{10}$

15.  $\frac{4}{5}$   
 $-\frac{2}{5}$

16.  $\frac{5}{6}$   
 $-\frac{1}{6}$

17.  $\frac{6}{8}$   
 $-\frac{4}{8}$

18.  $\frac{2}{3}$   
 $-\frac{1}{3}$

19.  $\frac{3}{4}$   
 $-\frac{1}{4}$

20.  $\frac{6}{7}$   
 $-\frac{5}{7}$

21.  $\frac{7}{9}$   
 $-\frac{4}{9}$

22.  $\frac{9}{10}$   
 $-\frac{3}{10}$

23.  $\frac{2}{3}$   
 $-\frac{2}{3}$

24.  $\frac{11}{15}$   
 $-\frac{3}{15}$

25.  $\frac{4}{8} + \frac{6}{8} =$  \_\_\_\_\_

26.  $\frac{3}{6} + \frac{5}{6} =$  \_\_\_\_\_

27.  $\frac{2}{3} + \frac{1}{3} =$  \_\_\_\_\_

28.  $\frac{8}{15} + \frac{10}{15} =$  \_\_\_\_\_

29.  $\frac{11}{20} + \frac{13}{20} =$  \_\_\_\_\_

30.  $\frac{7}{10} + \frac{9}{10} =$  \_\_\_\_\_

31.  $\frac{4}{5} + \frac{1}{5} =$  \_\_\_\_\_

32.  $\frac{9}{16} + \frac{12}{16} =$  \_\_\_\_\_

33.  $\frac{5}{25} + \frac{10}{25} =$  \_\_\_\_\_

34.  $\frac{14}{15} - \frac{9}{15} =$  \_\_\_\_\_

35.  $\frac{9}{10} - \frac{7}{10} =$  \_\_\_\_\_

36.  $\frac{2}{4} - \frac{1}{4} =$  \_\_\_\_\_

37.  $\frac{8}{10} - \frac{4}{10} =$  \_\_\_\_\_

38.  $\frac{5}{9} - \frac{3}{9} =$  \_\_\_\_\_

39.  $\frac{10}{12} - \frac{8}{12} =$  \_\_\_\_\_

40.  $\frac{3}{5} - \frac{2}{5} =$  \_\_\_\_\_

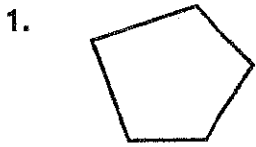
41.  $\frac{5}{6} - \frac{2}{6} =$  \_\_\_\_\_

42.  $\frac{7}{8} - \frac{7}{8} =$  \_\_\_\_\_

---

# Polygons

Decide if each figure is a polygon. Write *Yes* or *No*. Then name the polygon.



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



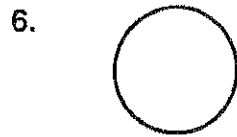
\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

Write *True* or *False* for each statement.

13. A vertex of a polygon is a point where any two of its sides meet. \_\_\_\_\_

14. An octagon has 4 sides and 4 vertices. \_\_\_\_\_

15. Any side of a polygon is a line segment. \_\_\_\_\_

16. The number of sides of a polygon is equal to the number of its vertices. \_\_\_\_\_

17. Some polygons have a greater number of angles than sides. \_\_\_\_\_

## PROBLEM SOLVING

18. A polygon has 3 sides, 3 angles, and 3 vertices.  
What kind of polygon is it? \_\_\_\_\_

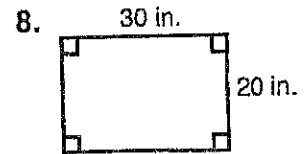
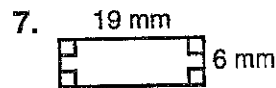
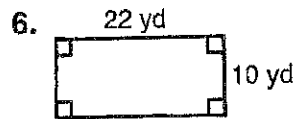
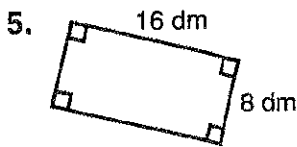
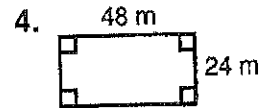
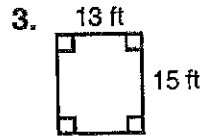
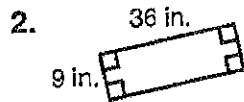
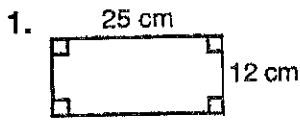
19. A polygon has 5 angles and 5 vertices. How many  
sides does it have? What kind of polygon is it? \_\_\_\_\_

20. A polygon has 8 vertices. How many angles does  
it have? how many sides? What kind of polygon is it? \_\_\_\_\_

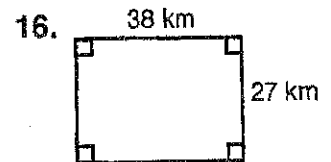
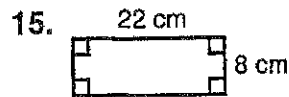
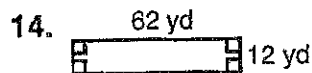
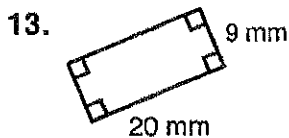
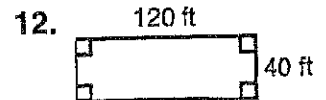
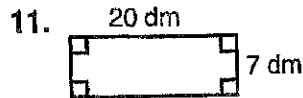
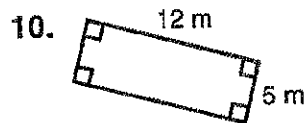
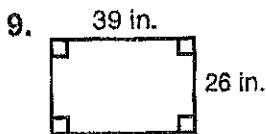
Name \_\_\_\_\_ Date \_\_\_\_\_

# Perimeter and Area of Rectangles

Find the perimeter of each rectangle. Use the perimeter formula.



Find the area of each rectangle. Use the area formula.



## PROBLEM SOLVING

17. The floor of Willy's living room is a rectangle that is 17 ft long and 11 ft wide. What is the area of the floor? the perimeter?

\_\_\_\_\_

18. What is the area of the rectangle in exercise 3? the perimeter of the rectangle in exercise 14?

\_\_\_\_\_

19. Tanya mounted a photo that was 4 in. wide and 6 in. long on a sheet of paper. There is 1 inch of the paper showing all around the photo. What is the perimeter of the sheet of paper?

\_\_\_\_\_

20. Each of three rectangles has an area of 24 sq in. Do they have to have the same perimeter? Explain.

\_\_\_\_\_