

Summer Math Work for Rising 6th Graders
Summer 2025

Welcome to Middle School!

Attached you will find review work that will help you prepare for 6th grade.
Your completed packet is due 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 as a 20-point completion grade.

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

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

Have a great summer!

See you in August!

6th Grade Math Teachers



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

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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 |
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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 | _____ | | |
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Name _____ Date _____

Decimals to Hundredths

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

- | | |
|---------------------------|---------------------------|
| 1. 0. <u>7</u> _____ | 2. 6.2 <u>4</u> _____ |
| 3. 3 <u>8</u> .91 _____ | 4. 9. <u>0</u> 5 _____ |
| 5. 18. <u>3</u> 2 _____ | 6. 24. <u>5</u> 3 _____ |
| 7. 3. <u>0</u> 8 _____ | 8. <u>5</u> 4.64 _____ |
| 9. <u>7</u> 32.4 _____ | 10. 867. <u>6</u> 5 _____ |
| 11. 30. <u>0</u> 8 _____ | 12. 500. <u>2</u> 6 _____ |
| 13. 609. <u>5</u> 9 _____ | 14. 25 <u>8</u> .1 _____ |
| 15. 0.7 <u>5</u> _____ | 16. <u>6</u> 0.07 _____ |

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. $\frac{3}{5} - \frac{2}{5} =$ _____

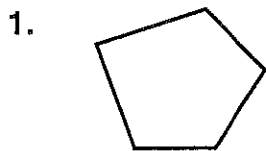
41. $\frac{5}{6} - \frac{2}{6} =$ _____

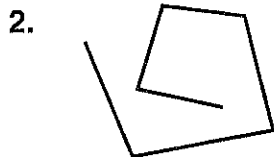
42. $\frac{7}{8} - \frac{7}{8} =$ _____

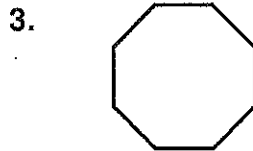
Name _____ Date _____

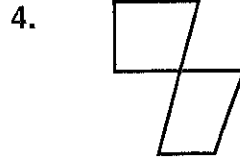
Polygons

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

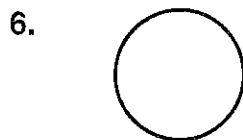


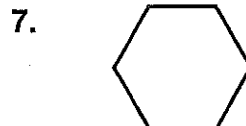










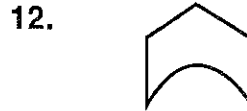












Write *True* or *False* for each statement.

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?

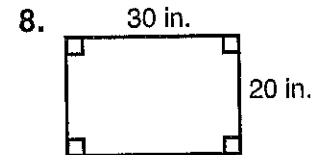
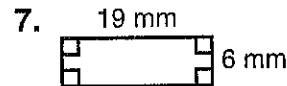
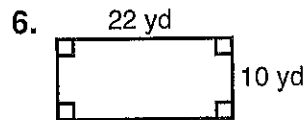
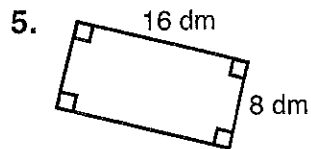
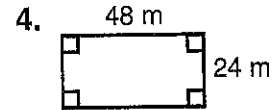
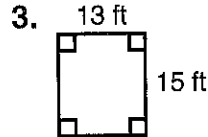
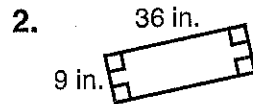
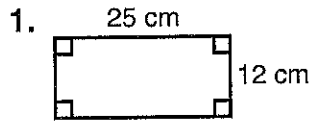
19. A polygon has 5 angles and 5 vertices. How many
sides does it have? What kind of polygon is it?

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

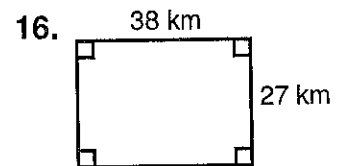
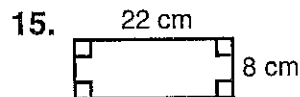
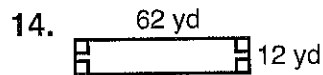
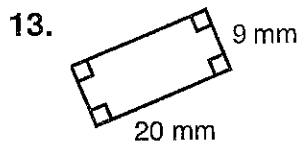
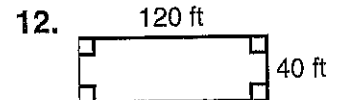
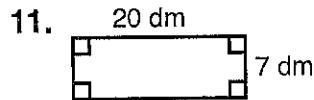
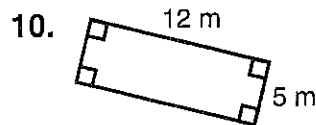
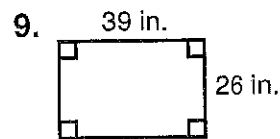
Name _____ Date _____

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.

Welcome to Sixth Grade! Our summer reading assignments are listed below. It is suggested that you wait until July to start reading so that you will better remember our novels for discussions.

Summer Reading 2025 for Rising 6th Graders!

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

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

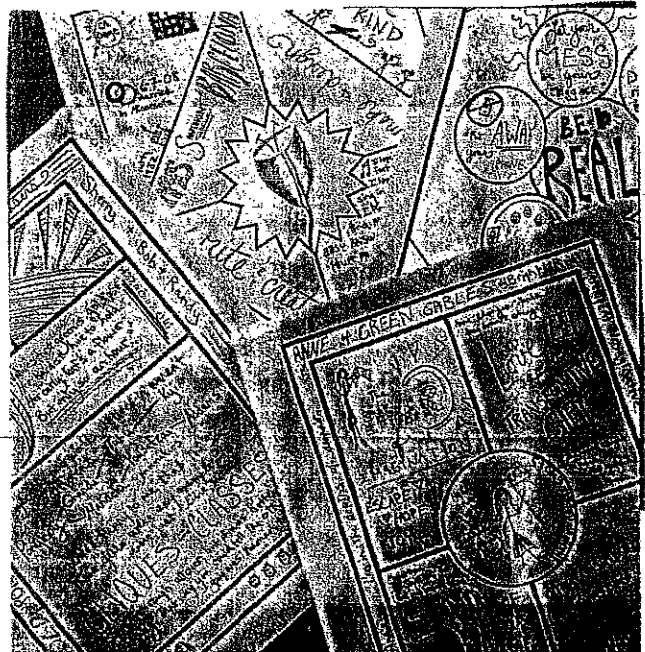
Rising sixth graders will read Holes by Louis Sachar.

When we return to school, we will be discussing the assigned fiction book. Be prepared for our discussion. You may want to 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.

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.

Middle School ELA





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.

Summer Reading - Sixth Grade One-Pager

Read and complete one-pager for your summer reading book, Holes.

	Proficient	Emerging	Beginning
Textual Analysis	Shows a deep understanding of the text. 10 Points	Show a relatively strong understanding of the text. 8 Points	Shows some understanding of the text, though several points seem confused. 6 points
Required Elements	Every required element is included. Additional elements may also have been added. 10 Points	Almost every required element is on the one-pager. 8 Points	Several key elements are missing. The one-pager is somewhat scattered. 6 points
Thoroughness	This piece is amazing in attention to detail. 10 Points	While this one-pager is fairly thorough, some sections gloss the surface. 8 Points	There is not much depth or detail present in the various sections. 6 points

This rubric was created with **Quick Rubric** and can be found at - <http://www.quickrubric.com/r/#/qr/lindaboschert/one-pager>

