

# Math (HS)

	Day	Date	Assignment/Video	Is it done?
12	Tuesday	3/31/2020	absolute value equations	
13	Wednesday	4/1/2020	practice test i6	
14	Thursday	4/2/2020	rounding 1	
15	Friday	4/3/2020	rounding 2	
17	Tuesday	4/5/2020	estimating	
18	Wednesday	4/6/2020	practice test 17	
	How many total did you do:			

Name \_\_\_\_\_

Math, Absolute Value Equations

1.  $|x| = 8$

11.  $|x + 5| = 8$

21.  $|2x + 5| = 3$

2.  $|x| = 6$

12.  $|x - 1| = 5$

22.  $|2x - 4| = 8$

3.  $|x| = -3$

13.  $|x + 5| = -3$

23.  $|2x + 5| = 11$

4.  $|x| = 9$

14.  $|x - 4| = 4$

24.  $|3x - 6| = 9$

5.  $|x| + 6 = 8$

15.  $|x + 5| = 7$

25.  $|5x + 15| = 25$

6.  $|x| - 5 = 8$

16.  $|x - 3| = 2$

26.  $|2x - 3| = 4$

7.  $4|x| = 8$

17.  $|x + 6| = -1$

27.  $|4x + 5| = -6$

8.  $|x| \div 5 = 8$

18.  $|x - 5| = 7$

28.  $|6x - 7| = 8$

9.  $|x| + 5 = 8$

19.  $|x + 6| = 8$

29.  $|2x + 5| = 8$

10.  $|x| + 9 = 8$

20.  $|x - 1| = 1$

30.  $|x + 4| = 4$

1. What is the absolute value of a number?
2. What type of number is it always?
3. What are some words that indicate addition?
4. What are some words that indicate subtraction?
5. What are some words that indicate multiplication?
6. What are some words that indicate division?

- |                            |                    |                    |
|----------------------------|--------------------|--------------------|
| 7. $ 8  =$                 | 20. $ x  = -3$     | 25. $ x - 1  = 5$  |
| 8. $ -5  =$                |                    |                    |
| 9. $- +67  =$              |                    |                    |
| 10. $- -23  =$             | 21. $ x  + 6 = 4$  | 26. $ x + 5  = -3$ |
| 11. $ -8 - 3  =$           |                    |                    |
| 12. $ -8 + 3  =$           |                    |                    |
| 13. $ -6  \times  -7  =$   | 22. $ x  - 5 = -3$ | 27. $ 2x + 5  = 3$ |
| 14. $ -6  \times - -7  =$  |                    |                    |
| 15. $- -6  \times - -7  =$ |                    |                    |
| 16. $ -9 + 7  =$           | 23. $4 x  = 8$     | 28. $ 2x - 4  = 8$ |
| 17. $ -9 - 7  =$           |                    |                    |
| 18. $ -9  +  -7  =$        |                    |                    |
| 19. $ x  = 8$              | 24. $ x + 5  = 8$  | 29. $ 2x + 5  = 8$ |
|                            |                    | 30. $ x + 4  = 4$  |

- |     |                                                             |       |               |       |
|-----|-------------------------------------------------------------|-------|---------------|-------|
| 31. | a number increased by five                                  | _____ | if $x = 45$ , | _____ |
| 32. | six plus three times a number                               | _____ | if $x = 35$ , | _____ |
| 33. | a number increased by 11                                    | _____ | if $x = 7$ ,  | _____ |
| 34. | a number decreased by 3                                     | _____ | if $x = 6$ ,  | _____ |
| 35. | the difference of a number and five                         | _____ | if $x = 9$ ,  | _____ |
| 36. | two-thirds of a number                                      | _____ | if $x = 12$ , | _____ |
| 37. | four more than a number                                     | _____ | if $x = 6$ ,  | _____ |
| 38. | six times a number squared                                  | _____ | if $x = 6$ ,  | _____ |
| 39. | the quotient of thirty-six and a number                     | _____ | if $x = 12$ , | _____ |
| 40. | seven less than a number                                    | _____ | if $x = 18$ , | _____ |
| 41. | four more than a number is ten                              | _____ |               | _____ |
| 42. | six times a number is twenty-three                          | _____ |               | _____ |
| 43. | the quotient of a number and five is ten.                   | _____ |               | _____ |
| 44. | seven less than a number is two                             | _____ |               | _____ |
| 45. | the product of six and a number is nine                     | _____ |               | _____ |
| 46. | a number decreased by two is negative five                  | _____ |               | _____ |
| 47. | a number divided by six is four                             | _____ |               | _____ |
| 48. | the product of a number and two, increased by four is eight | _____ |               | _____ |
| 49. | the sum of a number and three is zero                       | _____ |               | _____ |
| 50. | a number minus five is negative fourteen                    | _____ |               | _____ |

Name \_\_\_\_\_

Rounding Whole Numbers

Round to the 10

- 1. 23 456 \_\_\_\_\_
- 2. 56 789 \_\_\_\_\_
- 3. 64 234 \_\_\_\_\_

- 26. 352 596 \_\_\_\_\_
- 27. 599 999 \_\_\_\_\_
- 28. 359 901 \_\_\_\_\_
- 29. 345 945 \_\_\_\_\_

- 4. 123 569 \_\_\_\_\_
- 5. 356 132 \_\_\_\_\_
- 6. 352 596 \_\_\_\_\_
- 7. 599 999 \_\_\_\_\_
- 8. 359 901 \_\_\_\_\_
- 9. 345 945 \_\_\_\_\_
- 10. 135 596 \_\_\_\_\_

- 30. 135 596 \_\_\_\_\_

Round to the 10000

Round to the 100

- 11. 23 456 \_\_\_\_\_
- 12. 56 789 \_\_\_\_\_
- 13. 64 234 \_\_\_\_\_
- 14. 123 569 \_\_\_\_\_
- 15. 356 132 \_\_\_\_\_
- 16. 352 596 \_\_\_\_\_
- 17. 599 999 \_\_\_\_\_
- 18. 359 901 \_\_\_\_\_
- 19. 345 945 \_\_\_\_\_
- 20. 135 596 \_\_\_\_\_

- 31. 23 456 \_\_\_\_\_
- 32. 56 789 \_\_\_\_\_
- 33. 64 234 \_\_\_\_\_
- 34. 123 569 \_\_\_\_\_
- 35. 356 132 \_\_\_\_\_
- 36. 352 596 \_\_\_\_\_
- 37. 599 999 \_\_\_\_\_
- 38. 359 901 \_\_\_\_\_
- 39. 345 945 \_\_\_\_\_
- 40. 135 596 \_\_\_\_\_

Round to the 100 000

Round to the 1000

- 21. 23 456 \_\_\_\_\_
- 22. 56 789 \_\_\_\_\_
- 23. 64 234 \_\_\_\_\_
- 24. 123 569 \_\_\_\_\_
- 25. 356 132 \_\_\_\_\_

- 41. 23 456 \_\_\_\_\_
- 42. 56 789 \_\_\_\_\_
- 43. 64 234 \_\_\_\_\_
- 44. 123 569 \_\_\_\_\_
- 45. 356 132 \_\_\_\_\_
- 46. 352 596 \_\_\_\_\_
- 47. 599 999 \_\_\_\_\_
- 48. 359 901 \_\_\_\_\_
- 49. 345 945 \_\_\_\_\_
- 50. 135 596 \_\_\_\_\_

Name \_\_\_\_\_

Rounding Decimal Numbers

Round to the 10

1. 23 456.765 43 \_\_\_\_\_

2. 56 789.876 54 \_\_\_\_\_

3. 64 234.987 65 \_\_\_\_\_

26. 352 596.999 99 \_\_\_\_\_

27. 599 999.345 67 \_\_\_\_\_

28. 359 901.567 89 \_\_\_\_\_

29. 345 945.456 78 \_\_\_\_\_

4. 123 569.678 98 \_\_\_\_\_

5. 356 132.123 45 \_\_\_\_\_

30. 135 596.234 56 \_\_\_\_\_

Round to the 100

6. 352 596.999 99 \_\_\_\_\_

7. 599 999.345 67 \_\_\_\_\_

8. 359 901.567 89 \_\_\_\_\_

9. 345 945.456 78 \_\_\_\_\_

10. 135 596.234 56 \_\_\_\_\_

Round to the hundredth

31. 23 456.765 43 \_\_\_\_\_

32. 56 789.876 54 \_\_\_\_\_

33. 64 234.987 65 \_\_\_\_\_

34. 123 569.678 98 \_\_\_\_\_

35. 356 132.123 45 \_\_\_\_\_

36. 352 596.999 99 \_\_\_\_\_

37. 599 999.345 67 \_\_\_\_\_

Round to the 1000

11. 23 456.765 43 \_\_\_\_\_

12. 56 789.876 54 \_\_\_\_\_

13. 64 234.987 65 \_\_\_\_\_

14. 123 569.678 98 \_\_\_\_\_

15. 356 132.123 45 \_\_\_\_\_

38. 359 901.567 89 \_\_\_\_\_

39. 345 945.456 78 \_\_\_\_\_

40. 135 596.234 56 \_\_\_\_\_

Round to the 10 000

16. 352 596.999 99 \_\_\_\_\_

17. 599 999.345 67 \_\_\_\_\_

18. 359 901.567 89 \_\_\_\_\_

19. 345 945.456 78 \_\_\_\_\_

20. 135 596.234 56 \_\_\_\_\_

Round to the thousandth

41. 23 456.765 43 \_\_\_\_\_

42. 56 789.876 54 \_\_\_\_\_

43. 64 234.987 65 \_\_\_\_\_

44. 123 569.678 98 \_\_\_\_\_

45. 356 132.123 45 \_\_\_\_\_

46. 352 596.999 99 \_\_\_\_\_

47. 599 999.345 67 \_\_\_\_\_

48. 359 901.567 89 \_\_\_\_\_

49. 345 945.456 78 \_\_\_\_\_

50. 135 596.234 56 \_\_\_\_\_

Round to the tenth

21. 23 456.765 43 \_\_\_\_\_

22. 56 789.876 54 \_\_\_\_\_

23. 64 234.987 65 \_\_\_\_\_

24. 123 569.678 98 \_\_\_\_\_

25. 356 132.123 45 \_\_\_\_\_

Name \_\_\_\_\_

Estimating

Estimate the sum

Estimate the product

1.  $456 + 543$  \_\_\_\_\_

21.  $35 \times 25$  \_\_\_\_\_

2.  $216 + 483$  \_\_\_\_\_

22.  $34 \times 45$  \_\_\_\_\_

3.  $826 + 713$  \_\_\_\_\_

23.  $93 \times 74$  \_\_\_\_\_

4.  $2726 + 6983$  \_\_\_\_\_

24.  $135 \times 56$  \_\_\_\_\_

5.  $5852 + 3146$  \_\_\_\_\_

25.  $513 \times 86$  \_\_\_\_\_

6.  $6454 + 7767$  \_\_\_\_\_

26.  $635 \times 459$  \_\_\_\_\_

7.  $32\,454 + 36\,773$  \_\_\_\_\_

27.  $234 \times 634$  \_\_\_\_\_

8.  $78\,856 + 23\,244$  \_\_\_\_\_

28.  $835 \times 821$  \_\_\_\_\_

9.  $43\,257 + 34\,863$  \_\_\_\_\_

29.  $775 \times 852$  \_\_\_\_\_

10.  $26\,546 + 83\,145$  \_\_\_\_\_

30.  $843 \times 943$  \_\_\_\_\_

Estimate the difference

Estimate the quotient

11.  $756 - 343$  \_\_\_\_\_

31.  $1621 \div 83$  \_\_\_\_\_

12.  $966 - 283$  \_\_\_\_\_

32.  $2391 \div 58$  \_\_\_\_\_

13.  $826 - 313$  \_\_\_\_\_

33.  $1231 \div 33$  \_\_\_\_\_

14.  $8726 - 6983$  \_\_\_\_\_

34.  $14\,621 \div 51$  \_\_\_\_\_

15.  $5852 - 3146$  \_\_\_\_\_

35.  $16\,321 \div 233$  \_\_\_\_\_

16.  $8454 - 7767$  \_\_\_\_\_

36.  $63\,941 \div 813$  \_\_\_\_\_

17.  $52\,454 - 36\,773$  \_\_\_\_\_

37.  $24\,621 \div 383$  \_\_\_\_\_

18.  $78\,856 - 23\,244$  \_\_\_\_\_

38.  $25\,161 \div 511$  \_\_\_\_\_

19.  $43\,257 - 34\,863$  \_\_\_\_\_

39.  $31\,999 \div 3845$  \_\_\_\_\_

20.  $96\,546 - 83\,145$  \_\_\_\_\_

40.  $47\,872 \div 2896$  \_\_\_\_\_

Name \_\_\_\_\_

Practice Test 17

Round to the 10

- 1. 23 456 \_\_\_\_\_
- 2. 56 789 \_\_\_\_\_
- 3. 64 234 \_\_\_\_\_
- 4. 123 569 \_\_\_\_\_
- 5. 356 132 \_\_\_\_\_

Round to the 100

- 6. 352 596 \_\_\_\_\_
- 7. 599 999 \_\_\_\_\_
- 8. 359 901 \_\_\_\_\_
- 9. 345 945 \_\_\_\_\_
- 10. 135 596 \_\_\_\_\_

Round to the 1000

- 11. 23 456 \_\_\_\_\_
- 12. 56 789 \_\_\_\_\_
- 13. 64 234 \_\_\_\_\_
- 14. 123 569 \_\_\_\_\_
- 15. 356 132 \_\_\_\_\_

Round to the 10000

- 16. 352 596 \_\_\_\_\_
- 17. 599 999 \_\_\_\_\_
- 18. 359 901 \_\_\_\_\_
- 19. 345 945 \_\_\_\_\_
- 20. 135 596 \_\_\_\_\_

Round to the 100 000

- 21. 23 456 \_\_\_\_\_
- 22. 56 789 \_\_\_\_\_
- 23. 764 234 \_\_\_\_\_
- 24. 123 569 \_\_\_\_\_
- 25. 356 132 \_\_\_\_\_

Round to the 10

- 26. 23 456.765 43 \_\_\_\_\_
- 27. 56 789.876 54 \_\_\_\_\_

Round to the 100

- 28. 359 901.567 89 \_\_\_\_\_
- 29. 345 945.456 78 \_\_\_\_\_

Round to the 1000

- 30. 123 569.678 98 \_\_\_\_\_
- 31. 356 132.123 45 \_\_\_\_\_

Round to the 10 000

- 32. 359 901.567 89 \_\_\_\_\_
- 33. 345 945.456 78 \_\_\_\_\_

Round to the tenth

- 34. 23 456.765 43 \_\_\_\_\_
- 35. 56 789.876 54 \_\_\_\_\_
- 36. 64 234.987 65 \_\_\_\_\_
- 37. 123 569.678 98 \_\_\_\_\_
- 38. 356 132.123 45 \_\_\_\_\_



**Round to the hundredth**

39. 352 596.999 99 \_\_\_\_\_

40. 599 999.345 67 \_\_\_\_\_

41. 359 901.567 89 \_\_\_\_\_

42. 345 945.456 78 \_\_\_\_\_

43. 135 596.234 56 \_\_\_\_\_

**Round to the thousandth**

44. 23 456.765 43 \_\_\_\_\_

45. 56 789.876 54 \_\_\_\_\_

46. 64 234.987 65 \_\_\_\_\_

47. 123 569.678 98 \_\_\_\_\_

48. 356 132.123 45 \_\_\_\_\_

**Estimate the sum**

49. 826 + 713 \_\_\_\_\_

50. 2726 + 6983 \_\_\_\_\_

52. 53 852 + 30 146 \_\_\_\_\_

**Estimate the difference**

52. 826 - 313 \_\_\_\_\_

53. 8726 - 6983 \_\_\_\_\_

54. 51 852 - 23 146 \_\_\_\_\_

**Estimate the product**

55. 513 x 86 \_\_\_\_\_

56. 635 x 459 \_\_\_\_\_

57. 2234 x 634 \_\_\_\_\_

**Estimate the quotient**

58. 1231 ÷ 33 \_\_\_\_\_

59. 14 621 ÷ 51 \_\_\_\_\_

60. 16 321 ÷ 233 \_\_\_\_\_