

Decimals

Skill 5 - 3F

Round Decimals

Round each number to the place of the underlined digit.

Look at the digit to the right of the place you want to round. If the digit to the right is 5 or greater, round up. If the digit to the right is less than 5, round down.

| | | | |
|--------------------|-------------|--------------------|---------------|
| 1. 2. <u>5</u> 12 | answer: 2.5 | 2. 0.26 <u>1</u> 3 | answer: 0.261 |
| 3. 0. <u>2</u> 732 | answer: 0.3 | 4. 4.3 <u>5</u> 51 | answer: 4.36 |

Begin here with problem number 1. Round each number to the place of the underlined digit.

- | | |
|----------------------|---|
| 1. 2. <u>3</u> 48 | 2. 0.2 <u>2</u> 58 |
| _____ | _____ |
| 3. 0.4 <u>6</u> 18 | 4. 5.32 <u>8</u> 8 |
| _____ | _____ |
| 5. 3.26 <u>1</u> 3 | 6. 7. <u>4</u> 759 |
| _____ | _____ |
| 7. 5.0 <u>2</u> 83 | 8. 2.2 <u>5</u> 15 |
| _____ | _____ |
| 9. 23.05 <u>6</u> 7 | 10. 0.25 <u>8</u> 5 |
| _____ | _____ |
| 11. 7. <u>6</u> 553 | 12. 18.20 <u>3</u> 4 |
| _____ | _____ |
| 13. 0.3 <u>8</u> 21 | 14. 0. <u>7</u> 324 |
| _____ | _____ |
| 15. 22. <u>1</u> 438 | 16. 38. <u>5</u> 347 |
| _____ | _____ |
| 17. <u>2</u> 8.2535 | 18. 3. <u>1</u> 526 |
| _____ | _____ |
| 19. 12.6 <u>4</u> 51 | 20. 0. <u>5</u> 565 |
| _____ | _____ |
| 21. <u>8</u> 9.5967 | <p>Answer: 90</p> <p>Help: 89.5967 When the underlined digit is 9 and the digit to the right is 5 or greater the 9 becomes a zero and you add 1 to the digit to the left.</p> |
| 23. <u>3</u> 9.2613 | 24. 0.2 <u>7</u> 51 |
| _____ | _____ |
| 25. 68. <u>3</u> 762 | 26. 54.0 <u>0</u> 57 |
| _____ | _____ |
| 27. 62.8 <u>2</u> 77 | 28. <u>2</u> 9.9032 |
| _____ | _____ |
| 29. 0. <u>3</u> 536 | 30. 0.2 <u>5</u> 65 |
| _____ | _____ |
| 31. 45.7 <u>6</u> 51 | 32. 1.2 <u>6</u> 54 |
| _____ | _____ |

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|-----------------------|-------|-----------------------|-------|
| 33. 4.3 <u>2</u> 53 | _____ | 34. 81. <u>2</u> 943 | _____ |
| 35. 0.9 <u>2</u> 53 | _____ | 36. 28. <u>1</u> 921 | _____ |
| 37. 1 <u>9</u> .3925 | _____ | 38. 25.0 <u>5</u> 52 | _____ |
| 39. 56.1 <u>6</u> 05 | _____ | 40. 63. <u>6</u> 582 | _____ |
| 41. 8.5 <u>6</u> 46 | _____ | 42. 7.32 <u>3</u> 5 | _____ |
| 43. 80.74 <u>5</u> 2 | _____ | 44. 78. <u>4</u> 099 | _____ |
| 45. 17. <u>4</u> 524 | _____ | 46. 85.5 <u>2</u> 55 | _____ |
| 47. 0.2 <u>2</u> 35 | _____ | 48. 0.6 <u>0</u> 55 | _____ |
| 49. 8.30 <u>4</u> 5 | _____ | 50. 48.30 <u>6</u> 6 | _____ |
| 51. 5.00 <u>3</u> 2 | _____ | 52. 22.90 <u>3</u> 6 | _____ |
| 53. 8 <u>5</u> .6462 | _____ | 54. 5 <u>5</u> .5001 | _____ |
| 55. 21.0 <u>9</u> 23 | _____ | 56. 60.00 <u>5</u> 5 | _____ |
| 57. 10.0 <u>6</u> 74 | _____ | 58. 61. <u>1</u> 132 | _____ |
| 59. 0.1 <u>5</u> 62 | _____ | 60. 21.23 <u>1</u> 2 | _____ |
| 61. 5.23 <u>7</u> 8 | _____ | 62. 9.35 <u>5</u> 2 | _____ |
| 63. 6.45 <u>7</u> 6 | _____ | 64. 0.2 <u>5</u> 25 | _____ |
| 65. 5 <u>9</u> .2601 | _____ | 66. 22.00 <u>5</u> 6 | _____ |
| 67. 90.0 <u>6</u> 15 | _____ | 68. 38. <u>2</u> 648 | _____ |
| 69. 42.61 <u>3</u> 2 | _____ | 70. 86.91 <u>5</u> 3 | _____ |
| 71. 256.30 <u>2</u> 9 | _____ | 72. 72.00 <u>9</u> 2 | _____ |
| 73. 321. <u>6</u> 228 | _____ | 74. 145.40 <u>6</u> 5 | _____ |
| 75. 83.0 <u>6</u> 51 | _____ | 76. 7 <u>9</u> .9535 | _____ |

Answer Key Grade 5: Skill 3F: Decimals

| | | | |
|-----------------------|---------|-----------------------|---------|
| 1. 2. <u>3</u> 48 | 2.3 | 2. 0.2 <u>2</u> 58 | 0.23 |
| 3. 0.4 <u>6</u> 18 | 0.46 | 4. 5.3 <u>2</u> 88 | 5.329 |
| 5. 3.2 <u>6</u> 13 | 3.261 | 6. 7. <u>4</u> 759 | 7.5 |
| 7. 5.0 <u>2</u> 83 | 5.03 | 8. 2. <u>2</u> 515 | 2.25 |
| 9. 23.0 <u>5</u> 67 | 23.057 | 10. 0.2 <u>5</u> 85 | 0.259 |
| 11. 7. <u>6</u> 553 | 7.7 | 12. 18.20 <u>3</u> 4 | 18.203 |
| 13. 0.3 <u>8</u> 21 | 0.38 | 14. 0. <u>7</u> 324 | 0.7 |
| 15. 22. <u>1</u> 438 | 22.1 | 16. 38. <u>5</u> 347 | 38.5 |
| 17. 2 <u>8</u> .2535 | 28 | 18. 3. <u>1</u> 526 | 3.2 |
| 19. 12.6 <u>4</u> 51 | 12.65 | 20. 0. <u>5</u> 565 | 0.6 |
| 21. 8 <u>9</u> .5967 | 90 | | |
| 23. 3 <u>9</u> .2613 | 39 | 24. 0.2 <u>7</u> 51 | 0.28 |
| 25. 68. <u>3</u> 762 | 68.4 | 26. 54.0 <u>0</u> 57 | 54.01 |
| 27. 62.8 <u>2</u> 77 | 62.83 | 28. 2 <u>9</u> .9032 | 30 |
| 29. 0. <u>3</u> 536 | 0.4 | 30. 0.2 <u>5</u> 65 | 0.26 |
| 31. 45.7 <u>6</u> 51 | 45.77 | 32. 1.2 <u>6</u> 54 | 1.27 |
| 33. 4.3 <u>2</u> 53 | 4.33 | 34. 81.2 <u>9</u> 43 | 81.3 |
| 35. 0.9 <u>2</u> 53 | 0.93 | 36. 28.1 <u>9</u> 21 | 28 |
| 37. 1 <u>9</u> .3925 | 19 | 38. 25.0 <u>5</u> 52 | 25.06 |
| 39. 56.1 <u>6</u> 05 | 56.16 | 40. 63.6 <u>5</u> 82 | 63.7 |
| 41. 8.5 <u>6</u> 46 | 8.56 | 42. 7.3 <u>2</u> 35 | 7.324 |
| 43. 80.7 <u>4</u> 52 | 80.745 | 44. 78.4 <u>0</u> 99 | 78.4 |
| 45. 17.4 <u>5</u> 24 | 17.5 | 46. 85.5 <u>2</u> 55 | 85.53 |
| 47. 0.2 <u>2</u> 35 | 0.22 | 48. 0.6 <u>0</u> 55 | 0.61 |
| 49. 8.30 <u>4</u> 5 | 8.305 | 50. 48.30 <u>6</u> 6 | 48.307 |
| 51. 5.00 <u>3</u> 2 | 5.003 | 52. 22.90 <u>3</u> 6 | 22.904 |
| 53. 8 <u>5</u> .6462 | 86 | 54. 5 <u>5</u> .5001 | 56 |
| 55. 21.0 <u>9</u> 23 | 21.1 | 56. 60.00 <u>5</u> 5 | 60.006 |
| 57. 10.0 <u>6</u> 74 | 10.07 | 58. 61.1 <u>1</u> 32 | 61.1 |
| 59. 0.1 <u>5</u> 62 | 0.16 | 60. 21.23 <u>1</u> 2 | 21.231 |
| 61. 5.2 <u>3</u> 78 | 5.238 | 62. 9.3 <u>5</u> 52 | 9.355 |
| 63. 6.4 <u>5</u> 76 | 6.458 | 64. 0.2 <u>5</u> 25 | 0.25 |
| 65. 5 <u>9</u> .2601 | 59 | 66. 22.00 <u>5</u> 6 | 22.006 |
| 67. 90.0 <u>6</u> 15 | 90.06 | 68. 38.2 <u>6</u> 48 | 38.3 |
| 69. 42.6 <u>1</u> 32 | 42.613 | 70. 86.9 <u>1</u> 53 | 86.915 |
| 71. 256.30 <u>2</u> 9 | 256.303 | 72. 72.00 <u>9</u> 2 | 72.009 |
| 73. 321.6 <u>2</u> 28 | 321.6 | 74. 145.40 <u>6</u> 5 | 145.407 |
| 75. 83.0 <u>6</u> 51 | 83.065 | 76. 7 <u>9</u> .9535 | 80 |