

Corrective Assignment

Circle the number set or number sets in which the number lies.

1. $ -12 $ Whole Integer Rational Irrational	2. $\sqrt{49}$ Whole Integer Rational Irrational	3. $\sqrt{3}$ Whole Integer Rational Irrational
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4. $\sqrt{17}$ Whole Integer Rational Irrational	5. -4 Whole Integer Rational Irrational	6. -15.8 Whole Integer Rational Irrational
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7. $3.\bar{2}$ Whole Integer Rational Irrational	8. $3.12548237 \dots$ Whole Integer Rational Irrational	9. $(-3)^2$ Whole Integer Rational Irrational
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10. $\frac{19}{3}$ Whole Integer Rational Irrational	11. $2\frac{3}{8}$ Whole Integer Rational Irrational	12. $4.3\overline{725}$ Whole Integer Rational Irrational
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13. $-\frac{25}{5}$ Whole Integer Rational Irrational	14. 6.5 Whole Integer Rational Irrational	15. 0 Whole Integer Rational Irrational
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Convert the mixed number into an improper fraction.

16. $5\frac{4}{5}$	17. $3\frac{3}{7}$	18. $-1\frac{1}{4}$	19. $-8\frac{7}{8}$
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Express the following as decimals rounded to the nearest thousandth.

20. $\frac{19}{4}$	21. $\frac{23}{3}$	22. $3\frac{5}{7}$	23. $6\frac{3}{4}$
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24. $6\frac{1}{5}$	25. $\sqrt{26}$	26. $\sqrt{52}$	27. $\sqrt{7}$
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Simplify each absolute value expression.

28. $ -14 $	29. $ 34 $	30. $- 5 $	31. $- -9 $
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32. $ -7.5 $	33. $ 24.95 $	34. $-\left \frac{25}{3}\right $	35. $-\left -\frac{6}{7}\right $
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Order the numbers from least to greatest.

36. $4.4, \left| -4\frac{3}{4} \right|, \frac{9}{2}, \sqrt{4}$

37. $-\frac{4}{5}, -0.9, -1, -1\frac{2}{3}$

38. $\sqrt{3}, 1.4, \frac{5}{3}, |-1.5|$

39. $-5.15, -\frac{11}{2}, -\frac{16}{3}, -\sqrt{27}$

40. $7.2, \left| -\frac{23}{3} \right|, 7\frac{1}{3}, \sqrt{49}$

41. $-\frac{3}{5}, -\frac{1}{2}, -1, -1\frac{1}{4}$

42. $\sqrt{5}, 1.875, \frac{7}{4}, |-1.6|$

43. $-2.4, -\frac{5}{2}, -2\frac{1}{3}, -\sqrt{6}$

ANSWERS TO 2.1 CORRECTIVE ASSIGNMENT

1. Whole, Integer, Rational	2. Whole, Integer, Rational	3. Irrational	4. Irrational
5. Integer, Rational	6. Rational	7. Rational	8. Irrational
9. Whole, Integer, Rational	10. Rational	11. Rational	12. Rational
13. Integer, Rational	14. Rational	15. Whole, Integer, Rational	16. $\frac{29}{5}$
17. $\frac{24}{7}$	18. $-\frac{5}{4}$	19. $-\frac{71}{8}$	20. 4.75
21. $7.\bar{6}$ or 7.667	22. 3.714	23. 6.75	24. 6.2
25. 5.099	26. 7.211	27. 2.646	28. 14
29. 34	30. -5	31. -9	32. 7.5
33. 24.95	34. $-\frac{25}{3}$	35. $-\frac{6}{7}$	36. $\sqrt{4}, 4.4, \frac{9}{2}, \left -4\frac{3}{4} \right $
37. $-1\frac{2}{3}, -1, -0.9, -\frac{4}{5}$	38. $1.4, -1.5 , \frac{5}{3}, \sqrt{3}$	39. $-\frac{11}{2}, -\frac{16}{3}, -\sqrt{27}, -5.15$	40. $\sqrt{49}, 7.2, 7\frac{1}{3}, \left -\frac{23}{3} \right $
41. $-1\frac{1}{4}, -1, -\frac{3}{5}, -\frac{1}{2}$	42. $ -1.6 , \frac{7}{4}, 1.875, \sqrt{5}$	43. $-\frac{5}{2}, -\sqrt{6}, -2.4, -2\frac{1}{3}$	