

Inventory of Basic Skills

Show all your work on a separate sheet of paper.

Skill 1 Ordering numbers

Write the following in order from least to greatest.

1. 4,251 6,019 1,987 2. 597 795 957 579 3. 716 2,086 397 3,624

Skill 2 Using Place Value

Write the place value of each underlined digit.

4. 46,019 5. 9,643 6. 108,468 7. 63,914

Skill 3 Adding Whole Numbers

Add the following.

- | | | | |
|--|---|---|---|
| 8. $\begin{array}{r} 37 \\ 70 \\ 86 \\ + 49 \\ \hline \end{array}$ | 9. $\begin{array}{r} 28 \\ 196 \\ 5 \\ + 407 \\ \hline \end{array}$ | 10. $\begin{array}{r} 73,207 \\ 54,691 \\ + 30,426 \\ \hline \end{array}$ | 11. $\begin{array}{r} 8,603 \\ 48 \\ 23,915 \\ + 642 \\ \hline \end{array}$ |
|--|---|---|---|

Skill 4 Subtracting Whole Numbers

Subtract the following.

- | | | | |
|--|---|---|---|
| 12. $\begin{array}{r} 69,865 \\ - 7,103 \\ \hline \end{array}$ | 13. $\begin{array}{r} 8,372 \\ - 2,536 \\ \hline \end{array}$ | 14. $\begin{array}{r} 9,053 \\ - 4,178 \\ \hline \end{array}$ | 15. $\begin{array}{r} 8,000 \\ - 3,496 \\ \hline \end{array}$ |
|--|---|---|---|

Skill 5 Multiplying Whole Numbers

Multiply the following.

- | | | | |
|--|---|---|--|
| 16. $\begin{array}{r} 4,375 \\ \times 6 \\ \hline \end{array}$ | 17. $\begin{array}{r} 783 \\ \times 46 \\ \hline \end{array}$ | 18. $\begin{array}{r} 609 \\ \times 73 \\ \hline \end{array}$ | 19. $\begin{array}{r} 418 \\ \times 257 \\ \hline \end{array}$ |
|--|---|---|--|

Skill 6 Dividing Whole Numbers

Divide the following.

- | | | | |
|---------------------------|---------------------------|----------------------------|----------------------------|
| 20. $6 \overline{)1,962}$ | 21. $7 \overline{)9,632}$ | 22. $19 \overline{)8,797}$ | 23. $32 \overline{)2,272}$ |
|---------------------------|---------------------------|----------------------------|----------------------------|

Skill 7 Adding Fractions and Mixed Numbers

Add the following. Write each answer in simplest form.

24. $\frac{7}{12} + \frac{4}{12}$ 25. $\frac{1}{8} + \frac{5}{8}$ 26. $3\frac{4}{10} + 6\frac{3}{10}$ 27. $8\frac{3}{15} + 5\frac{7}{15}$

Inventory of Basic Skills (continued)**Skill 8 Subtracting Fractions and Mixed Numbers**

Subtract. Write each answer in simplest form.

28. $\frac{7}{9} - \frac{2}{9}$

29. $\frac{11}{12} - \frac{5}{12}$

30. $9\frac{6}{7} - 2\frac{1}{7}$

31. $10\frac{5}{6} - 3\frac{3}{6}$

Skill 9 Multiplying Fractions and Mixed Numbers

Multiply. Write each answer in simplest form.

32. $\frac{1}{3} \times \frac{5}{6}$

33. $\frac{2}{3} \times \frac{1}{4}$

34. $6 \times \frac{3}{4}$

35. $1\frac{3}{4} \times \frac{1}{2}$

Skill 10 Dividing Fractions and Mixed Numbers

Divide. Write each answer in simplest form.

36. $\frac{1}{3} \div \frac{4}{5}$

37. $\frac{2}{5} \div \frac{1}{10}$

38. $3 \div \frac{1}{4}$

39. $2\frac{1}{3} \div \frac{5}{6}$

Skill 11 Adding Decimals

Add the following.

40. $2.6 + 3.5 + 7.8$

41. $0.46 + 0.92 + 0.75$

42. $45.96 + 2.7 + 0.032$

43. $2.39 + 41.6 + 0.5$

Skill 12 Subtracting Decimals

Subtract the following.

44. $36.8 - 21.4$

45. $978.6 - 43.9$

46. $25.968 - 6.7$

47. $8 - 1.7$

Skill 13 Multiplying Decimals

Multiply the following.

48. 2.6×1.8

49. 0.51×3.2

50. 37.5×0.17

51. 31×0.24

Skill 14 Dividing Decimals

Divide the following.

52. $6 \overline{)25.38}$

53. $4 \overline{)0.864}$

54. $0.3 \overline{)2.613}$

55. $0.18 \overline{)0.414}$