

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. 1,064 297 1,297 2,903 2. 456 654 465 546 564 3. 4.5 3.9 0.9 2.6

Skill 2 Using Place Value

Write the place value of each underlined digit.

4. 216,394

5. 107,603

6. 40,019

7. 46.38

Skill 3 Adding Whole Numbers

Add the following.

$$\begin{array}{r} 8. \quad 406 \\ 175 \\ 819 \\ + 635 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 23,706 \\ 297 \\ 4,122 \\ + 96 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 73,207 \\ 54,691 \\ 30,426 \\ + 13,254 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 8,603 \\ 542,006 \\ 23,915 \\ + 56,000 \\ \hline \end{array}$$

Skill 4 Subtracting Whole Numbers

Subtract the following.

$$\begin{array}{r} 12. \quad 24,689 \\ - 8,251 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 8,273 \\ - 3,638 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 70,603 \\ - 34,891 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 30,000 \\ - 7,936 \\ \hline \end{array}$$

Skill 5 Multiplying Whole Numbers

Multiply the following.

$$\begin{array}{r} 16. \quad 7,946 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 895 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 907 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 5,142 \\ \times 638 \\ \hline \end{array}$$

Skill 6 Dividing Whole Numbers

Divide the following.

$$\begin{array}{r} 20. \quad 8 \overline{)2768} \end{array}$$

$$\begin{array}{r} 21. \quad 30 \overline{)2580} \end{array}$$

$$\begin{array}{r} 22. \quad 49 \overline{)637} \end{array}$$

$$\begin{array}{r} 23. \quad 63 \overline{)3591} \end{array}$$

Skill 7 Adding Fractions and Mixed Numbers

Add the following. Write the answer in simplest form.

$$24. \quad \frac{7}{10} + \frac{2}{10}$$

$$25. \quad \frac{1}{4} + \frac{3}{8}$$

$$26. \quad \frac{5}{12} + \frac{1}{3}$$

$$27. \quad 5\frac{1}{2} + 3\frac{3}{8}$$

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

Subtract the following. Write the answer in simplest form.

28. $\frac{11}{12} - \frac{6}{12}$

29. $\frac{7}{8} - \frac{1}{4}$

30. $\frac{9}{10} - \frac{2}{5}$

31. $8\frac{5}{6} - 5\frac{1}{3}$

Skill 9 Multiplying Fractions and Mixed Numbers

Multiply the following. Write the answer in simplest form.

32. $\frac{3}{7} \times \frac{1}{2}$

33. $\frac{4}{5} \times \frac{3}{8}$

34. $\frac{1}{6} \times 3$

35. $2\frac{1}{2} \times \frac{8}{9}$

Skill 10 Dividing Fractions and Mixed Numbers

Divide the following. Write the answer in simplest form.

36. $\frac{1}{6} \div \frac{3}{5}$

37. $\frac{4}{9} \div \frac{2}{3}$

38. $4 \div \frac{2}{5}$

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

Skill 11 Adding Decimals

Add the following.

40. $26.42 + 37.09 + 16.83$

41. $4.265 + 18.9 + 328.54$

42. $6.9 + 0.018 + 0.3 + 17.21$

43. $6.6 + 3 + 0.18 + 47$

Skill 12 Subtracting Decimals

Subtract the following.

44. $93.45 - 16.82$

45. $493.78 - 38.4$

46. $5.6 - 0.19$

47. $17 - 4.6$

Skill 13 Multiplying Decimals

Multiply the following.

48. 3.5×0.12

49. 4.63×0.8

50. 16×0.47

51. 0.32×0.13

Skill 14 Dividing Decimals

Divide the following.

52. $8 \overline{) 36.96}$

53. $0.3 \overline{) 0.873}$

54. $2.6 \overline{) 88.4}$

55. $0.4 \overline{) 256}$