



Fluency Check 1

Multiply.

1. $1 \times 3 = 3$

2. $3 \times 2 = 6$

3. $4 \times 3 = 12$

4. $4 \times 1 = 4$

5. $2 \times 5 = 10$

6. $6 \times 1 = 6$

7. $6 \times 6 = 36$

8. $8 \times 4 = 32$

9. $5 \times 7 = 35$

10. $9 \times 3 = 27$

11. $8 \times 8 = 64$

12. $6 \times 9 = 54$

13. $7 \times 10 = 70$

14. $10 \times 10 = 100$

15. $8 \times 9 = 72$



Fluency Check 2

Divide.

$1. 3 \div 3 = \boxed{1}$

$2. 8 \div 2 = \boxed{4}$

$3. 9 \div 3 = \boxed{3}$

$4. 16 \div 2 = \boxed{8}$

$5. 25 \div 5 = \boxed{5}$

$6. 28 \div 4 = \boxed{7}$

$7. 32 \div 8 = \boxed{4}$

$8. 40 \div 4 = \boxed{10}$

$9. 48 \div 6 = \boxed{8}$

$10. 56 \div 7 = \boxed{8}$

$11. 63 \div 9 = \boxed{7}$

$12. 54 \div 6 = \boxed{9}$

$13. 64 \div 8 = \boxed{8}$

$14. 72 \div 8 = \boxed{9}$

$15. 90 \div 9 = \boxed{10}$

**PATH to
FLUENCY** Fluency Check 3

Multiply or divide.

1. $1 \div 1 = \boxed{1}$

2. $3 \times 5 = \boxed{15}$

3. $6 \div 2 = \boxed{3}$

4. $4 \times 3 = \boxed{12}$

5. $9 \div 3 = \boxed{3}$

6. $8 \times 2 = \boxed{16}$

7. $12 \div 3 = \boxed{4}$

8. $7 \times 6 = \boxed{42}$

9. $8 \div 1 = \boxed{8}$

10. $7 \times 3 = \boxed{21}$

11. $20 \div 4 = \boxed{5}$

12. $5 \times 7 = \boxed{35}$

13. $36 \div 9 = \boxed{4}$

14. $9 \times 2 = \boxed{18}$

15. $54 \div 9 = \boxed{6}$



Fluency Check 4

Add.

1. $1 + 6 = \boxed{7}$

2. $3 + 8 = \boxed{11}$

3. $8 + 5 = \boxed{13}$

4. $5 + 3 = \boxed{8}$

5. $2 + 8 = \boxed{10}$

6. $3 + 9 = \boxed{12}$

7. $4 + 5 = \boxed{9}$

8. $6 + 7 = \boxed{13}$

9. $5 + 9 = \boxed{14}$

10.
$$\begin{array}{r} 7 \\ + 5 \\ \hline 12 \end{array}$$

11.
$$\begin{array}{r} 6 \\ + 9 \\ \hline 15 \end{array}$$

12.
$$\begin{array}{r} 8 \\ + 0 \\ \hline 8 \end{array}$$

13.
$$\begin{array}{r} 9 \\ + 7 \\ \hline 16 \end{array}$$

14.
$$\begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array}$$

15.
$$\begin{array}{r} 7 \\ + 8 \\ \hline 15 \end{array}$$



Fluency Check 5

Subtract.

1. $8 - 6 = 4$

2. $6 - 4 = 2$

3. $5 - 5 = 0$

4. $11 - 6 = 5$

5. $12 - 8 = 4$

6. $10 - 1 = 9$

7. $13 - 8 = 5$

8. $14 - 7 = 7$

9. $15 - 9 = 6$

10.
$$\begin{array}{r} 17 \\ - 8 \\ \hline 9 \end{array}$$

11.
$$\begin{array}{r} 12 \\ - 6 \\ \hline 6 \end{array}$$

12.
$$\begin{array}{r} 15 \\ - 7 \\ \hline 8 \end{array}$$

13.
$$\begin{array}{r} 16 \\ - 9 \\ \hline 7 \end{array}$$

14.
$$\begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array}$$

15.
$$\begin{array}{r} 16 \\ - 8 \\ \hline 8 \end{array}$$



Fluency Check 6

Add or subtract.

1. $14 + 23 = \boxed{37}$

2. $48 - 20 = \boxed{28}$

3. $27 + 11 = \boxed{38}$

4. $56 - 32 = \boxed{24}$

5. $30 + 16 = \boxed{46}$

6. $49 - 43 = \boxed{6}$

7.
$$\begin{array}{r} 46 \\ + 25 \\ \hline 71 \end{array}$$

8.
$$\begin{array}{r} 42 \\ - 19 \\ \hline 23 \end{array}$$

9.
$$\begin{array}{r} 59 \\ + 18 \\ \hline 77 \end{array}$$

10.
$$\begin{array}{r} 60 \\ - 35 \\ \hline 25 \end{array}$$

11.
$$\begin{array}{r} 44 \\ + 38 \\ \hline 82 \end{array}$$

12.
$$\begin{array}{r} 74 \\ - 69 \\ \hline 5 \end{array}$$

13.
$$\begin{array}{r} 76 \\ + 19 \\ \hline 95 \end{array}$$

14.
$$\begin{array}{r} 91 \\ - 58 \\ \hline 33 \end{array}$$

15.
$$\begin{array}{r} 53 \\ + 47 \\ \hline 100 \end{array}$$

**PATH to
FLUENCY** Fluency Check 7

Multiply or divide.

1. $8 \div 2 = \boxed{4}$

2. $3 \times 5 = \boxed{15}$

3. $7 \times 6 = \boxed{42}$

4. $4 \times 10 = \boxed{40}$

5. $60 \div 10 = \boxed{6}$

6. $7 \div 1 = \boxed{7}$

7. $64 \div 8 = \boxed{8}$

8. $6 \times 9 = \boxed{54}$

9. $45 \div 5 = \boxed{9}$

Add or subtract.

10.
$$\begin{array}{r} 342 \\ + 117 \\ \hline 459 \end{array}$$

11.
$$\begin{array}{r} 754 \\ - 342 \\ \hline 412 \end{array}$$

12.
$$\begin{array}{r} 263 \\ + 474 \\ \hline 737 \end{array}$$

13.
$$\begin{array}{r} 556 \\ - 438 \\ \hline 118 \end{array}$$

14.
$$\begin{array}{r} 387 \\ + 476 \\ \hline 863 \end{array}$$

15.
$$\begin{array}{r} 803 \\ - 598 \\ \hline 205 \end{array}$$

**PATH to
FLUENCY** Fluency Check 8

Multiply or divide.

1. $7 \times 0 = \boxed{0}$

2. $12 \div 2 = \boxed{6}$

3. $8 \times 3 = \boxed{24}$

4. $16 \div 4 = \boxed{4}$

5. $3 \times 7 = \boxed{21}$

6. $42 \div 6 = \boxed{7}$

7. $6 \times 8 = \boxed{48}$

8. $81 \div 9 = \boxed{9}$

9. $8 \times 7 = \boxed{56}$

Add or subtract.

10.
$$\begin{array}{r} 885 \\ - 345 \\ \hline 540 \end{array}$$

11.
$$\begin{array}{r} 326 \\ + 421 \\ \hline 747 \end{array}$$

12.
$$\begin{array}{r} 508 \\ - 329 \\ \hline 179 \end{array}$$

13.
$$\begin{array}{r} 264 \\ + 338 \\ \hline 602 \end{array}$$

14.
$$\begin{array}{r} 623 \\ - 365 \\ \hline 258 \end{array}$$

15.
$$\begin{array}{r} 478 \\ + 385 \\ \hline 863 \end{array}$$



Fluency Check 9

Multiply or divide.

1. $4 \times 1 = 4$

2. $2 \div 1 = 2$

3. $3 \times 2 = 6$

4. $9 \div 3 = 3$

5. $5 \times 6 = 30$

6. $24 \div 4 = 6$

7. $8 \times 5 = 40$

8. $63 \div 7 = 9$

9. $9 \times 9 = 81$

Add or subtract.

10.
$$\begin{array}{r} 478 \\ - 265 \\ \hline 213 \end{array}$$

11.
$$\begin{array}{r} 243 \\ + 536 \\ \hline 782 \end{array}$$

12.
$$\begin{array}{r} 562 \\ - 348 \\ \hline 214 \end{array}$$

13.
$$\begin{array}{r} 635 \\ + 258 \\ \hline 893 \end{array}$$

14.
$$\begin{array}{r} 824 \\ - 659 \\ \hline 165 \end{array}$$

15.
$$\begin{array}{r} 579 \\ + 323 \\ \hline 902 \end{array}$$

**PATH to
FLUENCY** Fluency Check 10

Multiply or divide.

1. $4 \div 2 = \boxed{2}$

2. $2 \times 4 = \boxed{8}$

3. $72 \div 8 = \boxed{9}$

4. $3 \times 8 = \boxed{24}$

5. $25 \div 5 = \boxed{5}$

6. $8 \times 4 = \boxed{32}$

7. $40 \div 8 = \boxed{5}$

8. $9 \times 6 = \boxed{54}$

9. $80 \div 8 = \boxed{10}$

Add or subtract.

10.
$$\begin{array}{r} 211 \\ + 167 \\ \hline 378 \end{array}$$

11.
$$\begin{array}{r} 472 \\ - 231 \\ \hline 241 \end{array}$$

12.
$$\begin{array}{r} 527 \\ + 268 \\ \hline 795 \end{array}$$

13.
$$\begin{array}{r} 682 \\ - 537 \\ \hline 145 \end{array}$$

14.
$$\begin{array}{r} 636 \\ + 289 \\ \hline 925 \end{array}$$

15.
$$\begin{array}{r} 911 \\ - 685 \\ \hline 226 \end{array}$$

**PATH to
FLUENCY** Fluency Check 11

Multiply or divide.

1. $3 \div 1 = \boxed{3}$

2. $2 \times 6 = \boxed{12}$

3. $18 \div 3 = \boxed{6}$

4. $6 \times 8 = \boxed{48}$

5. $32 \div 4 = \boxed{8}$

6. $7 \times 10 = \boxed{70}$

7. $42 \div 7 = \boxed{6}$

8. $7 \times 9 = \boxed{63}$

9. $72 \div 8 = \boxed{9}$

Add or subtract.

10.
$$\begin{array}{r} 112 \\ + 834 \\ \hline 946 \end{array}$$

11.
$$\begin{array}{r} 650 \\ - 300 \\ \hline 350 \end{array}$$

12.
$$\begin{array}{r} 534 \\ + 307 \\ \hline 841 \end{array}$$

13.
$$\begin{array}{r} 843 \\ - 478 \\ \hline 365 \end{array}$$

14.
$$\begin{array}{r} 354 \\ + 618 \\ \hline 972 \end{array}$$

15.
$$\begin{array}{r} 903 \\ - 648 \\ \hline 255 \end{array}$$



Fluency Check 12

Multiply or divide.

1. $2 \times 4 = \boxed{8}$

2. $9 \div 3 = \boxed{3}$

3. $6 \times 6 = \boxed{36}$

4. $30 \div 6 = \boxed{5}$

5. $6 \times 9 = \boxed{54}$

6. $48 \div 8 = \boxed{6}$

7. $4 \times 9 = \boxed{36}$

8. $72 \div 9 = \boxed{8}$

9. $8 \times 7 = \boxed{56}$

Add or subtract.

10.
$$\begin{array}{r} 563 \\ - 240 \\ \hline 323 \end{array}$$

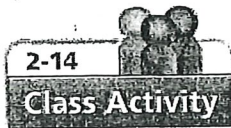
11.
$$\begin{array}{r} 300 \\ + 620 \\ \hline 920 \end{array}$$

12.
$$\begin{array}{r} 562 \\ - 428 \\ \hline 134 \end{array}$$

13.
$$\begin{array}{r} 529 \\ + 386 \\ \hline 915 \end{array}$$

14.
$$\begin{array}{r} 338 \\ - 189 \\ \hline 149 \end{array}$$

15.
$$\begin{array}{r} 482 \\ + 379 \\ \hline 861 \end{array}$$



Name _____

Date _____

▶ **PATH to FLUENCY** Diagnostic Checkup for Basic Multiplication

1. $7 \times 5 = \underline{35}$

2. $2 \times 3 = \underline{6}$

3. $9 \times 9 = \underline{81}$

4. $9 \times 6 = \underline{54}$

5. $6 \times 2 = \underline{12}$

6. $3 \times 0 = \underline{0}$

7. $3 \times 4 = \underline{12}$

8. $6 \times 8 = \underline{48}$

9. $5 \times 9 = \underline{45}$

10. $3 \times 3 = \underline{9}$

11. $2 \times 9 = \underline{18}$

12. $5 \times 7 = \underline{35}$

13. $6 \times 10 = \underline{60}$

14. $4 \times 1 = \underline{4}$

15. $6 \times 4 = \underline{24}$

16. $4 \times 8 = \underline{32}$

17. $5 \times 2 = \underline{10}$

18. $1 \times 3 = \underline{3}$

19. $3 \times 9 = \underline{27}$

20. $7 \times 6 = \underline{42}$

21. $7 \times 2 = \underline{14}$

22. $9 \times 0 = \underline{0}$

23. $8 \times 9 = \underline{72}$

24. $8 \times 7 = \underline{56}$

25. $8 \times 10 = \underline{80}$

26. $6 \times 3 = \underline{18}$

27. $4 \times 4 = \underline{16}$

28. $3 \times 8 = \underline{24}$

29. $5 \times 5 = \underline{25}$

30. $6 \times 0 = \underline{0}$

31. $7 \times 9 = \underline{63}$

32. $6 \times 6 = \underline{36}$

33. $9 \times 2 = \underline{18}$

34. $8 \times 3 = \underline{24}$

35. $5 \times 4 = \underline{20}$

36. $7 \times 7 = \underline{49}$

37. $5 \times 10 = \underline{50}$

38. $5 \times 1 = \underline{5}$

39. $10 \times 9 = \underline{90}$

40. $5 \times 6 = \underline{30}$

41. $6 \times 5 = \underline{30}$

42. $9 \times 3 = \underline{27}$

43. $4 \times 2 = \underline{8}$

44. $7 \times 8 = \underline{56}$

45. $8 \times 2 = \underline{16}$

46. $5 \times 0 = \underline{0}$

47. $4 \times 9 = \underline{36}$

48. $6 \times 7 = \underline{42}$

49. $9 \times 5 = \underline{45}$

50. $6 \times 1 = \underline{6}$

51. $7 \times 4 = \underline{28}$

52. $9 \times 8 = \underline{72}$

53. $4 \times 10 = \underline{40}$

54. $5 \times 3 = \underline{15}$

55. $6 \times 9 = \underline{54}$

56. $8 \times 6 = \underline{48}$

57. $8 \times 5 = \underline{40}$

58. $8 \times 0 = \underline{0}$

59. $8 \times 4 = \underline{32}$

60. $4 \times 7 = \underline{28}$

61. $3 \times 5 = \underline{15}$

62. $7 \times 3 = \underline{21}$

63. $5 \times 9 = \underline{45}$

64. $3 \times 6 = \underline{18}$

65. $7 \times 10 = \underline{70}$

66. $8 \times 1 = \underline{8}$

67. $0 \times 4 = \underline{0}$

68. $9 \times 7 = \underline{63}$

69. $4 \times 5 = \underline{20}$

70. $4 \times 3 = \underline{12}$

71. $1 \times 9 = \underline{9}$

72. $8 \times 8 = \underline{64}$

▶  Diagnostic Checkup for Basic Division

- | | | | |
|----------------------------------|----------------------------------|----------------------------------|---------------------------------|
| 1. $12 \div 2 = \underline{6}$ | 2. $8 \div 1 = \underline{8}$ | 3. $36 \div 9 = \underline{4}$ | 4. $35 \div 7 = \underline{5}$ |
| 5. $20 \div 5 = \underline{4}$ | 6. $24 \div 3 = \underline{8}$ | 7. $12 \div 4 = \underline{3}$ | 8. $6 \div 6 = \underline{1}$ |
| 9. $6 \div 2 = \underline{3}$ | 10. $3 \div 3 = \underline{1}$ | 11. $18 \div 9 = \underline{2}$ | 12. $63 \div 7 = \underline{9}$ |
| 13. $20 \div 10 = \underline{2}$ | 14. $0 \div 1 = \underline{0}$ | 15. $40 \div 4 = \underline{10}$ | 16. $48 \div 8 = \underline{6}$ |
| 17. $18 \div 2 = \underline{9}$ | 18. $6 \div 3 = \underline{2}$ | 19. $8 \div 4 = \underline{2}$ | 20. $36 \div 6 = \underline{6}$ |
| 21. $8 \div 2 = \underline{4}$ | 22. $9 \div 1 = \underline{9}$ | 23. $9 \div 9 = \underline{1}$ | 24. $56 \div 7 = \underline{8}$ |
| 25. $40 \div 5 = \underline{8}$ | 26. $9 \div 3 = \underline{3}$ | 27. $36 \div 4 = \underline{9}$ | 28. $56 \div 8 = \underline{7}$ |
| 29. $80 \div 10 = \underline{8}$ | 30. $7 \div 1 = \underline{7}$ | 31. $45 \div 9 = \underline{5}$ | 32. $48 \div 6 = \underline{8}$ |
| 33. $5 \div 5 = \underline{1}$ | 34. $30 \div 3 = \underline{10}$ | 35. $16 \div 4 = \underline{4}$ | 36. $72 \div 8 = \underline{9}$ |
| 37. $10 \div 2 = \underline{5}$ | 38. $1 \div 1 = \underline{1}$ | 39. $54 \div 9 = \underline{6}$ | 40. $21 \div 7 = \underline{3}$ |
| 41. $25 \div 5 = \underline{5}$ | 42. $15 \div 3 = \underline{5}$ | 43. $32 \div 4 = \underline{8}$ | 44. $24 \div 8 = \underline{3}$ |
| 45. $90 \div 10 = \underline{9}$ | 46. $18 \div 3 = \underline{6}$ | 47. $63 \div 9 = \underline{7}$ | 48. $54 \div 6 = \underline{9}$ |
| 49. $45 \div 5 = \underline{9}$ | 50. $6 \div 1 = \underline{6}$ | 51. $20 \div 4 = \underline{5}$ | 52. $49 \div 7 = \underline{7}$ |
| 53. $15 \div 5 = \underline{3}$ | 54. $0 \div 3 = \underline{0}$ | 55. $28 \div 4 = \underline{7}$ | 56. $30 \div 6 = \underline{5}$ |
| 57. $16 \div 2 = \underline{8}$ | 58. $21 \div 3 = \underline{7}$ | 59. $81 \div 9 = \underline{9}$ | 60. $64 \div 8 = \underline{8}$ |
| 61. $30 \div 5 = \underline{6}$ | 62. $12 \div 3 = \underline{4}$ | 63. $27 \div 9 = \underline{3}$ | 64. $42 \div 7 = \underline{6}$ |
| 65. $40 \div 10 = \underline{4}$ | 66. $10 \div 1 = \underline{10}$ | 67. $24 \div 4 = \underline{6}$ | 68. $18 \div 6 = \underline{3}$ |
| 69. $35 \div 5 = \underline{7}$ | 70. $27 \div 3 = \underline{9}$ | 71. $72 \div 9 = \underline{8}$ | 72. $42 \div 6 = \underline{7}$ |