

# acadience™ math

## Computation

Grade 3 | Benchmark Assessment

### Teacher Key



Published by Acadience Learning Inc.


























Available: <https://acadiencelearning.org/>

These are photocopy masters for teacher keys. Make one copy for each person scoring the assessment.

# Acadience™ Math / Computation Grade 3 Benchmark 1 / Form A / Teacher Key

# of digits correct  
in the final answer | score

Scoring Direction  
 Right to Left  
 or  
 Left to Right

1. $\begin{array}{r} 56 \\ +10 \\ \hline 66 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	2. $\begin{array}{r} 670 \\ + 21 \\ \hline 691 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{3}{3} \mid \frac{3}{3}$	3. $\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	4. $\begin{array}{r} 4 \\ \times 0 \\ \hline 0 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	5. $\begin{array}{r} 21 \\ \times 4 \\ \hline 84 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$
6. $\begin{array}{r} 19 \\ \times 2 \\ \hline 38 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	7. $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	8. $\begin{array}{r} 617 \\ -214 \\ \hline 403 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$ $\frac{3}{3} \mid \frac{3}{3}$	9. $\begin{array}{r} 3 \\ 1 \overline{)3} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	10. $\begin{array}{r} 96 \\ - 4 \\ \hline 92 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$
11. $\begin{array}{r} 66 \\ +17 \\ \hline 83 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	12. $\begin{array}{r} 7 \\ 8 \overline{)56} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	13. $\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	14. $\begin{array}{r} 786 \\ +116 \\ \hline 902 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$ $\frac{3}{3} \mid \frac{3}{3}$	15. $\begin{array}{r} 60 \\ \times 9 \\ \hline 540 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$ $\frac{3}{3} \mid \frac{3}{3}$
16. $\begin{array}{r} 280 \\ - 92 \\ \hline 188 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$ $\frac{3}{3} \mid \frac{3}{3}$	17. $\begin{array}{r} 64 \\ -27 \\ \hline 37 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	18. $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	19. $\begin{array}{r} 8 \\ 3 \overline{)24} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	20. $\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$
21. $\begin{array}{r} 277 \\ +146 \\ \hline 423 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$ $\frac{3}{3} \mid \frac{3}{3}$	22. $\begin{array}{r} 32 \\ \times 2 \\ \hline 64 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$	23. $\begin{array}{r} 832 \\ -169 \\ \hline 663 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{2} \mid \frac{2}{2}$ $\frac{3}{3} \mid \frac{3}{3}$	24. $\begin{array}{r} 3 \\ 3 \overline{)9} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	25. $\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$

\_\_\_/10

\_\_\_/10

\_\_\_/11



\_\_\_/10


























\_\_\_/10

# Acadience™ Math / Computation Grade 3

## Benchmark 1 / Form B / Teacher Key

# of digits correct  
in the final answer | score

Scoring Direction  
 Right to Left  
 or  
 Left to Right

1. $\begin{array}{r} 67 \\ +10 \\ \hline 77 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	2. $\begin{array}{r} 441 \\ +431 \\ \hline 872 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$	3. $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	4. $\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	5. $\begin{array}{r} 34 \\ \times 2 \\ \hline 68 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
6. $\begin{array}{r} 26 \\ \times 3 \\ \hline 78 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	7. $\begin{array}{r} 7 \\ \times 5 \\ \hline 35 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	8. $\begin{array}{r} 943 \\ -12 \\ \hline 931 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$	9. $\begin{array}{r} 9 \\ 1 \overline{)9} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	10. $\begin{array}{r} 68 \\ -47 \\ \hline 21 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
11. $\begin{array}{r} 45 \\ +37 \\ \hline 82 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	12. $\begin{array}{r} 3 \\ 4 \overline{)12} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	13. $\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	14. $\begin{array}{r} 578 \\ +322 \\ \hline 900 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$	15. $\begin{array}{r} 20 \\ \times 9 \\ \hline 180 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$
16. $\begin{array}{r} 970 \\ -799 \\ \hline 171 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$	17. $\begin{array}{r} 44 \\ -16 \\ \hline 28 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	18. $\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	19. $\begin{array}{r} 8 \\ 2 \overline{)16} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	20. $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
21. $\begin{array}{r} 558 \\ +252 \\ \hline 810 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$	22. $\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	23. $\begin{array}{r} 416 \\ -179 \\ \hline 237 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $\frac{2}{3} \mid \frac{2}{3}$	24. $\begin{array}{r} 2 \\ 2 \overline{)4} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	25. $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$

\_\_\_/10

\_\_\_/10

\_\_\_/10

\_\_\_/10


























\_\_\_/11

# Acadience™ Math / Computation Grade 3

## Benchmark 2 / Form A / Teacher Key

# of digits correct  
in the final answer | score

Scoring Direction  
 Right to Left  
 or  
 Left to Right

1. $\begin{array}{r} 78 \\ +11 \\ \hline 89 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	2. $\begin{array}{r} 678 \\ +301 \\ \hline 979 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	3. $\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	4. $\begin{array}{r} 9 \\ \times 0 \\ \hline 0 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	5. $\begin{array}{r} 43 \\ \times 2 \\ \hline 86 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
6. $\begin{array}{r} 45 \\ \times 2 \\ \hline 90 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	7. $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	8. $\begin{array}{r} 876 \\ -122 \\ \hline 754 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	9. $\begin{array}{r} 2 \\ 4 \overline{)8} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	10. $\begin{array}{r} 77 \\ -42 \\ \hline 35 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
11. $\begin{array}{r} 28 \\ +14 \\ \hline 42 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	12. $\begin{array}{r} 8 \\ 8 \overline{)64} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	13. $\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	14. $\begin{array}{r} 674 \\ +267 \\ \hline 941 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	15. $\begin{array}{r} 60 \\ \times 7 \\ \hline 420 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
16. $\begin{array}{r} 306 \\ -235 \\ \hline 71 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	17. $\begin{array}{r} 31 \\ -16 \\ \hline 15 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	18. $\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	19. $\begin{array}{r} 3 \\ 5 \overline{)15} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	20. $\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
21. $\begin{array}{r} 456 \\ +249 \\ \hline 705 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	22. $\begin{array}{r} 14 \\ \times 2 \\ \hline 28 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	23. $\begin{array}{r} 860 \\ -793 \\ \hline 67 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	24. $\begin{array}{r} 2 \\ 3 \overline{)6} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	25. $\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$

\_\_\_/10

\_\_\_/10

\_\_\_/11



\_\_\_/8


























\_\_\_/10

# Acadience™ Math / Computation Grade 3

## Benchmark 2 / Form B / Teacher Key

# of digits correct  
in the final answer | score

Scoring Direction  
 Right to Left  
 or  
 Left to Right

1. $\begin{array}{r} 48 \\ +40 \\ \hline 88 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	2. $\begin{array}{r} 826 \\ + 41 \\ \hline 867 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	3. $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	4. $\begin{array}{r} 6 \\ \times 0 \\ \hline 0 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	5. $\begin{array}{r} 41 \\ \times 2 \\ \hline 82 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
6. $\begin{array}{r} 25 \\ \times 3 \\ \hline 75 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	7. $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	8. $\begin{array}{r} 397 \\ -228 \\ \hline 169 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	9. $\begin{array}{r} 8 \\ 1 \overline{)8} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	10. $\begin{array}{r} 86 \\ -60 \\ \hline 26 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
11. $\begin{array}{r} 51 \\ +29 \\ \hline 80 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	12. $\begin{array}{r} 5 \\ 5 \overline{)25} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	13. $\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	14. $\begin{array}{r} 626 \\ +189 \\ \hline 815 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	15. $\begin{array}{r} 90 \\ \times 8 \\ \hline 720 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
16. $\begin{array}{r} 637 \\ -548 \\ \hline 89 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	17. $\begin{array}{r} 46 \\ -37 \\ \hline 9 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	18. $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	19. $\begin{array}{r} 8 \\ 2 \overline{)16} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	20. $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
21. $\begin{array}{r} 295 \\ +135 \\ \hline 430 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	22. $\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	23. $\begin{array}{r} 634 \\ -246 \\ \hline 388 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	24. $\begin{array}{r} 3 \\ 2 \overline{)6} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	25. $\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$

\_\_\_/10

\_\_\_/10



\_\_\_/11


























\_\_\_/8

\_\_\_/11

# Acadience™ Math / Computation Grade 3 Benchmark 3 / Form A / Teacher Key

# of digits correct  
in the final answer | score

**Scoring Direction**  
 Right to Left  
 or  
 Left to Right

1. $\begin{array}{r} 75 \\ +23 \\ \hline 98 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	2. $\begin{array}{r} 76 \\ +12 \\ \hline 88 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	3. $\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	4. $\begin{array}{r} 2 \\ \times 0 \\ \hline 0 \end{array}$  $1 \mid 1$	5. $\begin{array}{r} 21 \\ \times 3 \\ \hline 63 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
6. $\begin{array}{r} 35 \\ \times 2 \\ \hline 70 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	7. $\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	8. $\begin{array}{r} 731 \\ -121 \\ \hline 610 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $3 \mid 3$	9. $\begin{array}{r} 4 \\ 1 \overline{)4} \end{array}$  $1 \mid 1$	10. $\begin{array}{r} 28 \\ - 4 \\ \hline 24 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
11. $\begin{array}{r} 42 \\ +29 \\ \hline 71 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	12. $\begin{array}{r} 8 \\ 7 \overline{)56} \end{array}$  $1 \mid 1$	13. $\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	14. $\begin{array}{r} 587 \\ +213 \\ \hline 800 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $3 \mid 3$	15. $\begin{array}{r} 50 \\ \times 3 \\ \hline 150 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $3 \mid 3$
16. $\begin{array}{r} 680 \\ -394 \\ \hline 286 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $3 \mid 3$	17. $\begin{array}{r} 51 \\ -44 \\ \hline 7 \end{array}$  $1 \mid 1$	18. $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	19. $\begin{array}{r} 7 \\ 5 \overline{)35} \end{array}$  $1 \mid 1$	20. $\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
21. $\begin{array}{r} 476 \\ + 25 \\ \hline 501 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$ $3 \mid 3$	22. $\begin{array}{r} 44 \\ \times 2 \\ \hline 88 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	23. $\begin{array}{r} 867 \\ -789 \\ \hline 78 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	24. $\begin{array}{r} 2 \\ 4 \overline{)8} \end{array}$  $1 \mid 1$	25. $\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$

\_\_\_/9

\_\_\_/10



\_\_\_/11


























\_\_\_/9

\_\_\_/10

# Acadience™ Math / Computation Grade 3 Benchmark 3 / Form B / Teacher Key

# of digits correct  
in the final answer | score

Scoring Direction  
 Right to Left  
 or  
 Left to Right

1. $\begin{array}{r} 71 \\ +26 \\ \hline 97 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	2. $\begin{array}{r} 215 \\ + 64 \\ \hline 279 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	3. $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	4. $\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	5. $\begin{array}{r} 33 \\ \times 3 \\ \hline 99 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
6. $\begin{array}{r} 37 \\ \times 2 \\ \hline 74 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	7. $\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	8. $\begin{array}{r} 745 \\ -440 \\ \hline 305 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	9. $\begin{array}{r} 2 \\ 2 \overline{)4} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	10. $\begin{array}{r} 69 \\ -29 \\ \hline 40 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
11. $\begin{array}{r} 66 \\ +35 \\ \hline 101 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	12. $\begin{array}{r} 3 \\ 7 \overline{)21} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	13. $\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	14. $\begin{array}{r} 459 \\ +281 \\ \hline 740 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	15. $\begin{array}{r} 20 \\ \times 5 \\ \hline 100 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
16. $\begin{array}{r} 328 \\ -185 \\ \hline 143 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	17. $\begin{array}{r} 83 \\ -78 \\ \hline 5 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	18. $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	19. $\begin{array}{r} 6 \\ 6 \overline{)36} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	20. $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$
21. $\begin{array}{r} 757 \\ + 43 \\ \hline 800 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	22. $\begin{array}{r} 42 \\ \times 2 \\ \hline 84 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	23. $\begin{array}{r} 563 \\ -176 \\ \hline 387 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	24. $\begin{array}{r} 7 \\ 1 \overline{)7} \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$	25. $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$  $\frac{1}{2} \mid \frac{1}{2}$

\_\_\_/10

\_\_\_/10

\_\_\_/12

\_\_\_/9

\_\_\_/11