

Name:

Mansfield Public Schools

Grade 3

Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

- | | | | | | | | | | |
|--|---|--|--|--|---|--|---|--|--|
| 1) $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ | 2) $\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$ | 3) $\begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array}$ | 4) $\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$ | 5) $\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ | 6) $\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$ | 7) $\begin{array}{r} 3 \\ \times 1 \\ \hline 3 \end{array}$ | 8) $\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$ | 9) $\begin{array}{r} 3 \\ \times 12 \\ \hline 36 \end{array}$ | 10) $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$ |
| 11) $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$ | 12) $\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$ | 13) $\begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array}$ | 14) $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$ | 15) $\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$ | 16) $\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$ | 17) $\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$ | 18) $\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$ | 19) $\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$ | 20) $\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$ |
| 21) $\begin{array}{r} 3 \\ \times 11 \\ \hline 33 \end{array}$ | 22) $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$ | 23) $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$ | 24) $\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$ | 25) $\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$ | 26) $\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$ | 27) $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$ | 28) $\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$ | 29) $\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$ | 30) $\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$ |
| 31) $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$ | 32) $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ | 33) $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ | 34) $\begin{array}{r} 8 \\ \times 11 \\ \hline 88 \end{array}$ | 35) $\begin{array}{r} 10 \\ \times 1 \\ \hline 10 \end{array}$ | 36) $\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$ | 37) $\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$ | 38) $\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$ | 39) $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$ | 40) $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$ |

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Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

- | | | | | | | | | | |
|--|---|--|--|---|--|--|--|--|---|
| 1) $\begin{array}{r} 11 \\ \times 3 \\ \hline 33 \end{array}$ | 2) $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$ | 3) $\begin{array}{r} 1 \\ \times 3 \\ \hline 3 \end{array}$ | 4) $\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$ | 5) $\begin{array}{r} 2 \\ \times 10 \\ \hline 20 \end{array}$ | 6) $\begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array}$ | 7) $\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$ | 8) $\begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}$ | 9) $\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$ | 10) $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$ |
| 11) $\begin{array}{r} 1 \\ \times 8 \\ \hline 8 \end{array}$ | 12) $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$ | 13) $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$ | 14) $\begin{array}{r} 5 \\ \times 1 \\ \hline 5 \end{array}$ | 15) $\begin{array}{r} 8 \\ \times 5 \\ \hline 40 \end{array}$ | 16) $\begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array}$ | 17) $\begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array}$ | 18) $\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$ | 19) $\begin{array}{r} 12 \\ \times 11 \\ \hline 132 \end{array}$ | 20) $\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ |
| 21) $\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$ | 22) $\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$ | 23) $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$ | 24) $\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$ | 25) $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$ | 26) $\begin{array}{r} 9 \\ \times 4 \\ \hline 36 \end{array}$ | 27) $\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$ | 28) $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$ | 29) $\begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array}$ | 30) $\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$ |
| 31) $\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$ | 32) $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$ | 33) $\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$ | 34) $\begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array}$ | 35) $\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$ | 36) $\begin{array}{r} 8 \\ \times 1 \\ \hline 8 \end{array}$ | 37) $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$ | 38) $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ | 39) $\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$ | 40) $\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$ |

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Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

1) $\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	2) $\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	3) $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	4) $\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	5) $\begin{array}{r} 10 \\ \times 3 \\ \hline 30 \end{array}$	6) $\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	7) $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$	8) $\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$	9) $\begin{array}{r} 11 \\ \times 3 \\ \hline 33 \end{array}$	10) $\begin{array}{r} 5 \\ \times 12 \\ \hline 60 \end{array}$
--	--	--	--	---	--	--	--	---	--

11) $\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	12) $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	13) $\begin{array}{r} 2 \\ \times 10 \\ \hline 20 \end{array}$	14) $\begin{array}{r} 10 \\ \times 12 \\ \hline 120 \end{array}$	15) $\begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array}$	16) $\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	17) $\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	18) $\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$	19) $\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$	20) $\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$
---	--	--	--	--	---	---	--	---	--

21) $\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$	22) $\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$	23) $\begin{array}{r} 11 \\ \times 6 \\ \hline 66 \end{array}$	24) $\begin{array}{r} 1 \\ \times 4 \\ \hline 4 \end{array}$	25) $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	26) $\begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}$	27) $\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$	28) $\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	29) $\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	30) $\begin{array}{r} 3 \\ \times 11 \\ \hline 33 \end{array}$
--	---	--	--	---	--	--	---	---	--

31) $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	32) $\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	33) $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	34) $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	35) $\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	36) $\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	37) $\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$	38) $\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	39) $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	40) $\begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array}$
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MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

1) $\begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array}$	2) $\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$	3) $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	4) $\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	5) $\begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array}$	6) $\begin{array}{r} 1 \\ \times 6 \\ \hline 6 \end{array}$	7) $\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	8) $\begin{array}{r} 9 \\ \times 8 \\ \hline 72 \end{array}$	9) $\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	10) $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$
---	---	--	--	---	---	--	--	--	---

11) $\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$	12) $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	13) $\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$	14) $\begin{array}{r} 10 \\ \times 2 \\ \hline 20 \end{array}$	15) $\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$	16) $\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$	17) $\begin{array}{r} 10 \\ \times 11 \\ \hline 110 \end{array}$	18) $\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$	19) $\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	20) $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$
--	---	--	--	--	--	--	---	---	---

21) $\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	22) $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	23) $\begin{array}{r} 2 \\ \times 12 \\ \hline 24 \end{array}$	24) $\begin{array}{r} 9 \\ \times 7 \\ \hline 63 \end{array}$	25) $\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$	26) $\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	27) $\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$	28) $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	29) $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	30) $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$
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31) $\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	32) $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	33) $\begin{array}{r} 6 \\ \times 8 \\ \hline 48 \end{array}$	34) $\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$	35) $\begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}$	36) $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$	37) $\begin{array}{r} 11 \\ \times 3 \\ \hline 33 \end{array}$	38) $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	39) $\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$	40) $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$
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MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

- | | | | | | | | | | |
|--|---|---|--|--|--|---|--|--|--|
| 1) $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$ | 2) $\begin{array}{r} 7 \\ \times 8 \\ \hline 56 \end{array}$ | 3) $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ | 4) $\begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array}$ | 5) $\begin{array}{r} 11 \\ \times 2 \\ \hline 22 \end{array}$ | 6) $\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$ | 7) $\begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array}$ | 8) $\begin{array}{r} 9 \\ \times 11 \\ \hline 99 \end{array}$ | 9) $\begin{array}{r} 8 \\ \times 9 \\ \hline 72 \end{array}$ | 10) $\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$ |
| 11) $\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$ | 12) $\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$ | 13) $\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$ | 14) $\begin{array}{r} 2 \\ \times 1 \\ \hline 2 \end{array}$ | 15) $\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$ | 16) $\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$ | 17) $\begin{array}{r} 2 \\ \times 10 \\ \hline 20 \end{array}$ | 18) $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$ | 19) $\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$ | 20) $\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$ |
| 21) $\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$ | 22) $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$ | 23) $\begin{array}{r} 4 \\ \times 8 \\ \hline 32 \end{array}$ | 24) $\begin{array}{r} 2 \\ \times 12 \\ \hline 24 \end{array}$ | 25) $\begin{array}{r} 3 \\ \times 12 \\ \hline 36 \end{array}$ | 26) $\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$ | 27) $\begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array}$ | 28) $\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$ | 29) $\begin{array}{r} 10 \\ \times 10 \\ \hline 100 \end{array}$ | 30) $\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$ |
| 31) $\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$ | 32) $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$ | 33) $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$ | 34) $\begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array}$ | 35) $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$ | 36) $\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$ | 37) $\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$ | 38) $\begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array}$ | 39) $\begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array}$ | 40) $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$ |

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Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

- | | | | | | | | | | |
|---|--|---|--|--|--|--|--|--|---|
| 1) $\begin{array}{r} 10 \\ \times 11 \\ \hline 110 \end{array}$ | 2) $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$ | 3) $\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$ | 4) $\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$ | 5) $\begin{array}{r} 3 \\ \times 8 \\ \hline 24 \end{array}$ | 6) $\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$ | 7) $\begin{array}{r} 11 \\ \times 8 \\ \hline 88 \end{array}$ | 8) $\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array}$ | 9) $\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$ | 10) $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$ |
| 11) $\begin{array}{r} 5 \\ \times 6 \\ \hline 30 \end{array}$ | 12) $\begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}$ | 13) $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$ | 14) $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$ | 15) $\begin{array}{r} 2 \\ \times 10 \\ \hline 20 \end{array}$ | 16) $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$ | 17) $\begin{array}{r} 10 \\ \times 7 \\ \hline 70 \end{array}$ | 18) $\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$ | 19) $\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$ | 20) $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$ |
| 21) $\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$ | 22) $\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$ | 23) $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$ | 24) $\begin{array}{r} 4 \\ \times 11 \\ \hline 44 \end{array}$ | 25) $\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$ | 26) $\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$ | 27) $\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$ | 28) $\begin{array}{r} 7 \\ \times 10 \\ \hline 70 \end{array}$ | 29) $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$ | 30) $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$ |
| 31) $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$ | 32) $\begin{array}{r} 9 \\ \times 3 \\ \hline 27 \end{array}$ | 33) $\begin{array}{r} 5 \\ \times 8 \\ \hline 40 \end{array}$ | 34) $\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$ | 35) $\begin{array}{r} 11 \\ \times 10 \\ \hline 110 \end{array}$ | 36) $\begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}$ | 37) $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$ | 38) $\begin{array}{r} 11 \\ \times 2 \\ \hline 22 \end{array}$ | 39) $\begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array}$ | 40) $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$ |

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Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

$$\begin{array}{r} 1) \quad 5 \\ \times 10 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 2) \quad 4 \\ \times 5 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 3) \quad 12 \\ \times 4 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 4) \quad 4 \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 5) \quad 3 \\ \times 6 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 6) \quad 7 \\ \times 2 \\ \hline 14 \end{array}$$

$$\begin{array}{r} 7) \quad 6 \\ \times 4 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 8) \quad 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 9) \quad 2 \\ \times 6 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 10) \quad 12 \\ \times 2 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 11) \quad 9 \\ \times 9 \\ \hline 81 \end{array}$$

$$\begin{array}{r} 12) \quad 1 \\ \times 4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 13) \quad 4 \\ \times 2 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 14) \quad 8 \\ \times 7 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 15) \quad 10 \\ \times 1 \\ \hline 10 \end{array}$$

$$\begin{array}{r} 16) \quad 10 \\ \times 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 17) \quad 10 \\ \times 8 \\ \hline 80 \end{array}$$

$$\begin{array}{r} 18) \quad 3 \\ \times 9 \\ \hline 27 \end{array}$$

$$\begin{array}{r} 19) \quad 5 \\ \times 1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 20) \quad 10 \\ \times 6 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 21) \quad 4 \\ \times 8 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 22) \quad 3 \\ \times 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 23) \quad 11 \\ \times 8 \\ \hline 88 \end{array}$$

$$\begin{array}{r} 24) \quad 3 \\ \times 10 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 25) \quad 9 \\ \times 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 26) \quad 6 \\ \times 5 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 27) \quad 2 \\ \times 8 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 28) \quad 5 \\ \times 8 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 29) \quad 12 \\ \times 3 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 30) \quad 7 \\ \times 7 \\ \hline 49 \end{array}$$

$$\begin{array}{r} 31) \quad 4 \\ \times 4 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 32) \quad 4 \\ \times 10 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 33) \quad 1 \\ \times 3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 34) \quad 2 \\ \times 1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 35) \quad 2 \\ \times 11 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 36) \quad 3 \\ \times 4 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 37) \quad 3 \\ \times 12 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 38) \quad 5 \\ \times 12 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 39) \quad 7 \\ \times 8 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 40) \quad 5 \\ \times 11 \\ \hline 55 \end{array}$$

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$$\begin{array}{r} 1) \quad 2 \\ \times 3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2) \quad 3 \\ \times 3 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 3) \quad 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 4) \quad 5 \\ \times 11 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 5) \quad 11 \\ \times 2 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 6) \quad 8 \\ \times 1 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 7) \quad 9 \\ \times 9 \\ \hline 81 \end{array}$$

$$\begin{array}{r} 8) \quad 11 \\ \times 7 \\ \hline 77 \end{array}$$

$$\begin{array}{r} 9) \quad 2 \\ \times 10 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 10) \quad 3 \\ \times 12 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 11) \quad 7 \\ \times 12 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 12) \quad 11 \\ \times 10 \\ \hline 110 \end{array}$$

$$\begin{array}{r} 13) \quad 5 \\ \times 7 \\ \hline 35 \end{array}$$

$$\begin{array}{r} 14) \quad 4 \\ \times 6 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 15) \quad 6 \\ \times 10 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 16) \quad 10 \\ \times 3 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 17) \quad 11 \\ \times 11 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 18) \quad 9 \\ \times 1 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 19) \quad 5 \\ \times 8 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 20) \quad 2 \\ \times 2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 21) \quad 5 \\ \times 5 \\ \hline 25 \end{array}$$

$$\begin{array}{r} 22) \quad 4 \\ \times 7 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 23) \quad 11 \\ \times 4 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 24) \quad 6 \\ \times 5 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 25) \quad 5 \\ \times 3 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 26) \quad 11 \\ \times 5 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 27) \quad 7 \\ \times 10 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 28) \quad 6 \\ \times 2 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 29) \quad 3 \\ \times 7 \\ \hline 21 \end{array}$$

$$\begin{array}{r} 30) \quad 10 \\ \times 2 \\ \hline 20 \end{array}$$

$$\begin{array}{r} 31) \quad 7 \\ \times 7 \\ \hline 49 \end{array}$$

$$\begin{array}{r} 32) \quad 11 \\ \times 6 \\ \hline 66 \end{array}$$

$$\begin{array}{r} 33) \quad 6 \\ \times 1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 34) \quad 4 \\ \times 9 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 35) \quad 8 \\ \times 3 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 36) \quad 6 \\ \times 8 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 37) \quad 1 \\ \times 6 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 38) \quad 8 \\ \times 4 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 39) \quad 2 \\ \times 11 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 40) \quad 8 \\ \times 11 \\ \hline 88 \end{array}$$

Name:

Mansfield Public Schools

Grade 3

Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

1) $\begin{array}{r} 4 \\ \times 3 \\ \hline 12 \end{array}$	2) $\begin{array}{r} 3 \\ \times 9 \\ \hline 27 \end{array}$	3) $\begin{array}{r} 8 \\ \times 10 \\ \hline 80 \end{array}$	4) $\begin{array}{r} 6 \\ \times 3 \\ \hline 18 \end{array}$	5) $\begin{array}{r} 2 \\ \times 10 \\ \hline 20 \end{array}$	6) $\begin{array}{r} 6 \\ \times 11 \\ \hline 66 \end{array}$	7) $\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array}$	8) $\begin{array}{r} 1 \\ \times 11 \\ \hline 11 \end{array}$	9) $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	10) $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$
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11) $\begin{array}{r} 8 \\ \times 3 \\ \hline 24 \end{array}$	12) $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	13) $\begin{array}{r} 12 \\ \times 8 \\ \hline 96 \end{array}$	14) $\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$	15) $\begin{array}{r} 9 \\ \times 12 \\ \hline 108 \end{array}$	16) $\begin{array}{r} 11 \\ \times 7 \\ \hline 77 \end{array}$	17) $\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	18) $\begin{array}{r} 11 \\ \times 12 \\ \hline 132 \end{array}$	19) $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	20) $\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$
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21) $\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$	22) $\begin{array}{r} 4 \\ \times 12 \\ \hline 48 \end{array}$	23) $\begin{array}{r} 1 \\ \times 5 \\ \hline 5 \end{array}$	24) $\begin{array}{r} 3 \\ \times 7 \\ \hline 21 \end{array}$	25) $\begin{array}{r} 4 \\ \times 7 \\ \hline 28 \end{array}$	26) $\begin{array}{r} 6 \\ \times 10 \\ \hline 60 \end{array}$	27) $\begin{array}{r} 3 \\ \times 4 \\ \hline 12 \end{array}$	28) $\begin{array}{r} 10 \\ \times 9 \\ \hline 90 \end{array}$	29) $\begin{array}{r} 1 \\ \times 7 \\ \hline 7 \end{array}$	30) $\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$
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31) $\begin{array}{r} 6 \\ \times 5 \\ \hline 30 \end{array}$	32) $\begin{array}{r} 9 \\ \times 1 \\ \hline 9 \end{array}$	33) $\begin{array}{r} 10 \\ \times 8 \\ \hline 80 \end{array}$	34) $\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$	35) $\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$	36) $\begin{array}{r} 9 \\ \times 5 \\ \hline 45 \end{array}$	37) $\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$	38) $\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	39) $\begin{array}{r} 5 \\ \times 7 \\ \hline 35 \end{array}$	40) $\begin{array}{r} 5 \\ \times 11 \\ \hline 55 \end{array}$
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Name:

Mansfield Public Schools

Grade 3

Computational Fluency - Step I: Multiplication 0-12

MULTIPLICATION 0-12 GOAL: Get at least 36 correct in 2 minutes.

1) $\begin{array}{r} 1 \\ \times 12 \\ \hline 12 \end{array}$	2) $\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$	3) $\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$	4) $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$	5) $\begin{array}{r} 4 \\ \times 4 \\ \hline 16 \end{array}$	6) $\begin{array}{r} 8 \\ \times 6 \\ \hline 48 \end{array}$	7) $\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$	8) $\begin{array}{r} 4 \\ \times 1 \\ \hline 4 \end{array}$	9) $\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$	10) $\begin{array}{r} 11 \\ \times 4 \\ \hline 44 \end{array}$
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11) $\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$	12) $\begin{array}{r} 10 \\ \times 5 \\ \hline 50 \end{array}$	13) $\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	14) $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$	15) $\begin{array}{r} 7 \\ \times 7 \\ \hline 49 \end{array}$	16) $\begin{array}{r} 3 \\ \times 3 \\ \hline 9 \end{array}$	17) $\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	18) $\begin{array}{r} 5 \\ \times 9 \\ \hline 45 \end{array}$	19) $\begin{array}{r} 4 \\ \times 9 \\ \hline 36 \end{array}$	20) $\begin{array}{r} 10 \\ \times 6 \\ \hline 60 \end{array}$
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21) $\begin{array}{r} 9 \\ \times 9 \\ \hline 81 \end{array}$	22) $\begin{array}{r} 6 \\ \times 6 \\ \hline 36 \end{array}$	23) $\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$	24) $\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$	25) $\begin{array}{r} 5 \\ \times 3 \\ \hline 15 \end{array}$	26) $\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	27) $\begin{array}{r} 4 \\ \times 6 \\ \hline 24 \end{array}$	28) $\begin{array}{r} 3 \\ \times 5 \\ \hline 15 \end{array}$	29) $\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$	30) $\begin{array}{r} 8 \\ \times 4 \\ \hline 32 \end{array}$
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31) $\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$	32) $\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$	33) $\begin{array}{r} 5 \\ \times 5 \\ \hline 25 \end{array}$	34) $\begin{array}{r} 9 \\ \times 10 \\ \hline 90 \end{array}$	35) $\begin{array}{r} 7 \\ \times 11 \\ \hline 77 \end{array}$	36) $\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	37) $\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$	38) $\begin{array}{r} 4 \\ \times 10 \\ \hline 40 \end{array}$	39) $\begin{array}{r} 7 \\ \times 4 \\ \hline 28 \end{array}$	40) $\begin{array}{r} 6 \\ \times 1 \\ \hline 6 \end{array}$
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