

Math Tool: Ten Frame for Addition

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Completed tens:

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Ten Frames

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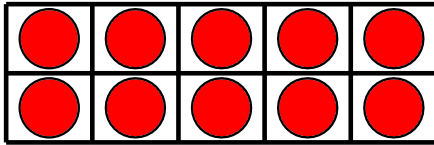
Ten Frames

Activities:

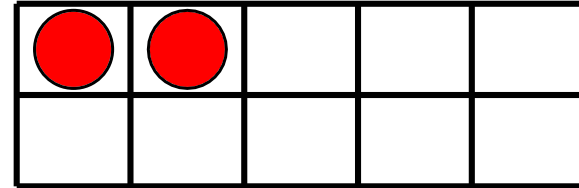
- Represent different numbers on a ten frame
 - Always fill top row first
- Show all combinations that add to 10
 - Record as addition statements
- Show partially completed 10 frame and call out “I wish I had 10” and they tell how many are needed to complete the frame
- Show how to do addition facts like $7 + 5$ by using 3 of the 5 and having two left over
- Apply to questions like $37 + 4$ - keep track of how many complete 10's you have
- Do practice questions
- Try for subtraction questions:
 - $14 - 5$
- With two ten frames, good for showing doubling of 6, 7, 8, 9 and connecting to ending digit (e.g. 3 doubled = 6, 8 doubled = 16 - why?)

Ten Frame Flash Cards

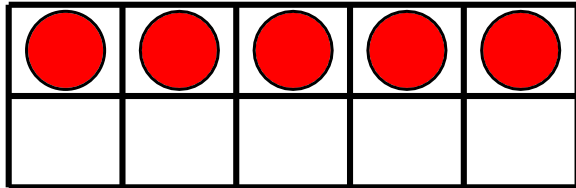
Jeff Richardson, HPEDSB



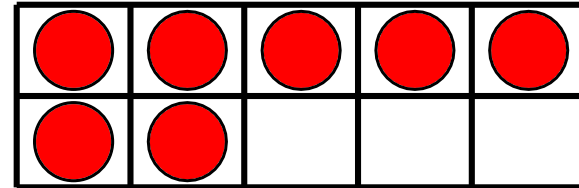
I have _____. I need _____.



I have _____. I need _____.



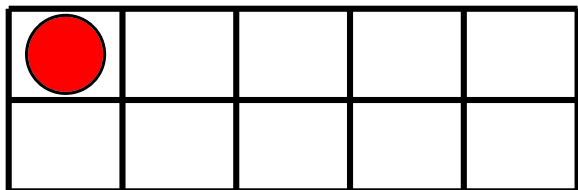
I have _____. I need _____.



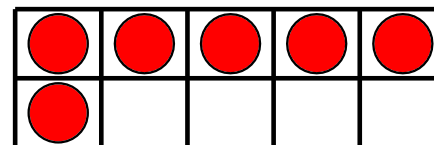
I have _____. I need _____.

Ten Frame Flash Cards

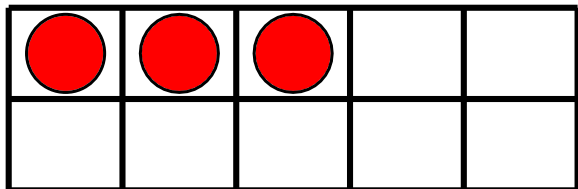
Jeff Richardson, HPEDSB



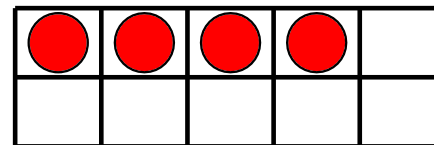
I have _____. I need _____.



I have _____. I need _____.



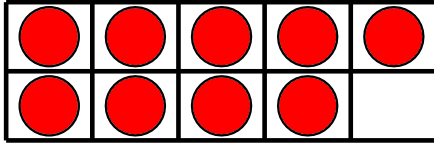
I have _____. I need _____.



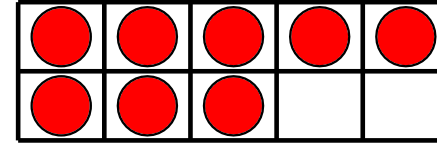
I have _____. I need _____.

Ten Frame Flash Cards


Jeff Richardson, HPEDSB



I have _____. I need _____.



I have _____. I need _____.
 $8 + 2 = 10$

|  | R | I | S | K | = |
|---|---|---|---|---|---|
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Multiplying Basics

Task 1: Multiplication Review

- Multiplication is
 - Repeated addition
 - Repeated groups
 - Area

Task 2: Review 0 and 1 timetables

- What is any number multiplied by 0? Why?
- What is any number multiplied by 1? Why?
- Practice:

| | |
|----------------|--------------|
| ○ 7×0 | 9×1 |
| ○ 0×8 | 1×4 |
| ○ 5×1 | 6×1 |
| ○ 8×0 | 3×1 |

Task 3: Commutative Property → Order doesn't matter!

- 4 groups of 3 is same as 3 groups of 4
 - Verify with manipulatives
- Practice:
 - $8 \times 1 = 8$; what is 1×8 ?
 - $8 \times 2 = 16$; what is 2×8 ?
 - $9 \times 0 = 0$; what is 0×9 ?
 - $6 \times 5 = 30$; what is 5×6 ?

Task 4: Ten times tables

- Multiplying by 10's is determining how many groups of 10:
 - 7×10 means 7 groups of 10 which is 70;
 - Multiplying by 10 is easy because we just add a 0 to the #
- Count by 10's to 120
- Do 10 timetable in order:

| | |
|-----------------|------------------|
| $10 \times 0 =$ | |
| $10 \times 1 =$ | $10 \times 6 =$ |
| $10 \times 2 =$ | $10 \times 7 =$ |
| $10 \times 3 =$ | $10 \times 8 =$ |
| $10 \times 4 =$ | $10 \times 9 =$ |
| $10 \times 5 =$ | $10 \times 10 =$ |

Task 5: Multiplication Questions - Random Order

$10 \times 6 =$

$10 \times 8 =$

$10 \times 5 =$

$0 \times 9 =$

$10 \times 3 =$

$10 \times 7 =$

$0 \times 27 =$

$10 \times 1 =$

$10 \times 4 =$

$10 \times 9 =$

$4 \times 1 =$

$10 \times 2 =$

$10 \times 10 =$

$21 \times 1 =$

Task 6: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 10$ wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 10$ gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 2 (Doubling)

Task 1: Step Counting

Count by 2 from 0 to 40

- Repeat three times.

Task 2: Recite Multiplication Facts in order

$2 \times 0 =$

$2 \times 1 =$

$2 \times 2 =$

$2 \times 3 =$

$2 \times 4 =$

$2 \times 5 =$

$2 \times 6 =$

$2 \times 7 =$

$2 \times 8 =$

$2 \times 9 =$

$2 \times 10 =$

Task 3: Doubling

Answer Doubling Facts out of order:

$5 \text{ doubled} \rightarrow ?$

$9 \text{ doubled} \rightarrow ?$

$10 \text{ doubled} \rightarrow ?$

$8 \text{ doubled} \rightarrow ?$

$2 \text{ doubled} \rightarrow ?$

$3 \text{ doubled} \rightarrow ?$

$6 \text{ doubled} \rightarrow ?$

$1 \text{ doubled} \rightarrow ?$

$7 \text{ doubled} \rightarrow ?$

$4 \text{ doubled} \rightarrow ?$

Task 4: Multiplication Questions

$2 \times 6 =$

$2 \times 8 =$

$2 \times 5 =$

$2 \times 3 =$

$2 \times 7 =$

$2 \times 1 =$

$2 \times 4 =$

$2 \times 9 =$

$2 \times 2 =$

$2 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card doubled wins the card.
- Roll a die. Whoever shouts the answer to the die doubled gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 5

Task 1: Strategy Review:

- All products of 5 end in '5' or '0'
 - $5 \times \text{even\#} \rightarrow \text{ends in } 0$
 - $5 \times \text{odd\#} \rightarrow \text{ends in } 5$
 - Since it takes two 5's to make 10, the number in the 10s column is half of the number you are multiplying by:
 - $5 \times 8: \rightarrow \text{even \# so ends in } 0; \text{ half of } 8 \text{ is } 4 \text{ so } 4 \text{ in tens} \rightarrow 40$
 - $5 \times 5 \rightarrow \text{odd \# so ends in } 5; \text{ half of } 5 \text{ is } 2 \frac{1}{2} \text{ so } 2 \text{ in tens} \rightarrow 25$

Task 2: Step Counting

Count by 5 from 0 to 100

- Repeat three times.

Task 3: Recite Multiplication Facts in order

$5 \times 0 =$

$5 \times 1 =$

$5 \times 2 =$

$5 \times 3 =$

$5 \times 4 =$

$5 \times 5 =$

$5 \times 6 =$

$5 \times 7 =$

$5 \times 8 =$

$5 \times 9 =$

$5 \times 10 =$

Task 4: Multiplication Questions - Random Order - remember, we know 1x, 2x and 10x

$5 \times 6 =$

$5 \times 8 =$

$5 \times 5 =$

$5 \times 3 =$

$5 \times 7 =$

$5 \times 1 =$

$5 \times 4 =$

$5 \times 9 =$

$5 \times 2 =$

$5 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 5$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 5$ gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 4: The Double-Double

Task 1: Strategy Review:

- All products of 4 are even (answer must be even)
- Multiplying by 4 is like multiplying by 2 twice → double twice → **double-double!**
 - Until you have 4x table memorized, apply **double-double**

Task 2: Step Counting

Count by 4 from 0 to 48

- Repeat three times.
 - Note the pattern: numbers end in 4-8-2-6-0-4-8-2-6-0
 -

Task 3: Recite Multiplication Facts in order

$4 \times 0 =$

$4 \times 1 =$

$4 \times 2 =$

$4 \times 3 =$

$4 \times 4 =$

$4 \times 5 =$

$4 \times 6 =$

$4 \times 7 =$

$4 \times 8 =$

$4 \times 9 =$

$4 \times 10 =$

Task 4: Multiplication Questions - Random Order (remember, we know 1x, 2x, 5x, 10x)

$4 \times 6 =$

$4 \times 8 =$

$4 \times 5 =$

$4 \times 3 =$

$4 \times 7 =$

$4 \times 1 =$

$4 \times 4 =$

$4 \times 9 =$

$4 \times 2 =$

$4 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 4$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 4$ gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 3

Task 1: Strategy Review:

- “Double plus another” → to multiply by 3, we can double the number then add it once more (e.g. $5 \times 3 = 5$ doubled or 10, plus one more → 5: $10 + 5 = 15$)
- Reflect on answer:
 - $3 \times$ even# → even
 - $3 \times$ odd# → odd
 - The digits in your answer will add up to 3, 6, or 9! Check it out!

Task 2: Step Counting

Count by 3 from 0 to 36

- Repeat three times.

Task 3: Recite Multiplication Facts in order

$3 \times 0 =$

$3 \times 1 =$

$3 \times 2 =$

$3 \times 3 =$

$3 \times 4 =$

$3 \times 5 =$

$3 \times 6 =$

$3 \times 7 =$

$3 \times 8 =$

$3 \times 9 =$

$3 \times 10 =$

Task 4: Multiplication Questions - Random Order -

Remember, we know $0x$, $1x$, $2x$, $4x$, $5x$, $10x$ already!

$3 \times 6 =$

$3 \times 8 =$

$3 \times 5 =$

$3 \times 3 =$

$3 \times 7 =$

$3 \times 1 =$

$3 \times 4 =$

$3 \times 9 =$

$3 \times 2 =$

$3 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 3$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 3$ gets a point. Shout a wrong answer and you subtract two points.
- Play Beep-Bop: As a class, count. But if you come to a multiple of 3 say Beep; for a multiple of 4 say Bop; for a multiple of both (12, 24) say BeepBop
 - E.g. 1, 2, Beep, Bop, 5, Beep, 7, Bop, Beep, 10, 11, Beep-Bop
 - If you make a mistake you sit!

Multiplying by 6 - Triple-Double!

Task 1: Strategy Review: Must have mastery of 3 timetable to progress

- “Trip[le-Double” → to multiply by 6, we can multiply by 3 then double again
 - $4 \times 6 \rightarrow 4$ tripled = 12; 12 doubled = **24**
- Reflect on answer:
 - $6 \times$ anything → even
 - The digits in your answer will add up to 3, 6, 9, or 12! Check it out!

Task 2: Step Counting

Count by 6 from 0 to 60

- Repeat three times.

Task 3: Recite Multiplication Facts in order

$6 \times 0 =$

$6 \times 1 =$

$6 \times 2 =$

$6 \times 3 =$

$6 \times 4 =$

$6 \times 5 =$

$6 \times 6 =$

$6 \times 7 =$

$6 \times 8 =$

$6 \times 9 =$

$6 \times 10 =$

Task 4: Multiplication Questions - Random Order -

Remember, we know 0x, 1x, 2x, 3x, 4x, 5x, 10x already!

$6 \times 6 =$

$6 \times 8 =$

$6 \times 5 =$

$6 \times 3 =$

$6 \times 7 =$

$6 \times 1 =$

$6 \times 4 =$

$6 \times 9 =$

$6 \times 2 =$

$6 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 3$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 3$ gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 9

Task 1: Strategy Review:

- Multiply by 10, take away one group → to multiply by 9, we can multiply by 10 then subtract one group
 - $9 \times 8 \rightarrow 10 \times 8 = 80; 80 - 8 = 72$
- Reflect on answer:
 - when multiplying by 9, digits in answer will **add to 9**
 - E.g. $9 \times 3 = 27 \rightarrow 2 + 7 = 9$
 - $9 \times \text{odd\#} \rightarrow \text{odd}$
 - Can always try the finger trick e.g. for 9×7 put down 7th finger. Tens column is fingers to the left of downed finger, ones column is to the right

Task 2: Step Counting

Count by 9 from 0 to 99

- Repeat three times.

Task 3: Recite Multiplication Facts in order

$9 \times 0 =$

$9 \times 1 =$

$9 \times 2 =$

$9 \times 3 =$

$9 \times 4 =$

$9 \times 5 =$

$9 \times 6 =$

$9 \times 7 =$

$9 \times 8 =$

$9 \times 9 =$

$9 \times 10 =$

Task 4: Multiplication Questions - Random Order -

Remember, we know $0 \times$, $1 \times$, $2 \times$, $4 \times$, $5 \times$, $6 \times$, $10 \times$ already!

$9 \times 6 =$

$9 \times 8 =$

$9 \times 5 =$

$9 \times 3 =$

$9 \times 7 =$

$9 \times 1 =$

$9 \times 4 =$

$9 \times 9 =$

$9 \times 2 =$

$9 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 9$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 9$ gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 8

Task 1: Strategy Review:

- Double-Double-Double!: since $8 = 2 \times 2 \times 2$, to multiply by 8 is to double something three times.
 - E.g. $7 \times 8 = 7$ doubled $\rightarrow 14$, doubled $\rightarrow 28$, doubled $\rightarrow 56$ so $7 \times 8 = 56$
- Reflect on answer: when multiplying by 8, answer must be even
 - $8 \times \text{anything} \rightarrow \text{even}$
- Memorize! The only two 8 time table facts we don't have strategies for are:
 - $8 \times 7 = 56$
 - $8 \times 8 = 64$

Task 2: Step Counting

Count by 8 from 0 to 80

- Repeat three times.

Task 3: Recite Multiplication Facts in order

$8 \times 0 =$

$8 \times 1 =$

$8 \times 2 =$

$8 \times 3 =$

$8 \times 4 =$

$8 \times 5 =$

$8 \times 6 =$

$8 \times 7 =$

$8 \times 8 =$

$8 \times 9 =$

$8 \times 10 =$

Task 4: Multiplication Questions - Random Order -

Remember, we know $0x$, $1x$, $2x$, $4x$, $5x$, $6x$, $10x$ already!

$8 \times 6 =$

$8 \times 8 =$

$8 \times 5 =$

$8 \times 3 =$

$8 \times 7 =$

$8 \times 1 =$

$8 \times 4 =$

$8 \times 9 =$

$8 \times 2 =$

$8 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 8$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 8$ gets a point. Shout a wrong answer and you subtract two points.

Multiplying by 7

Task 1: Strategy Review:

- Reflect on answer: when multiplying by 7,
 - $7 \times \text{odd\#} \rightarrow \text{odd}$
 - $7 \times \text{even\#} \rightarrow \text{even}$
- Memorize: we have strategies for every other time table so
 - just know $7 \times 7 = 49$
 - Memorize other ones you don't know (e.g. $7 \times 8 = 56$)

Task 2: Step Counting

Count by 9 from 0 to 99

- Repeat three times.

Task 3: Recite Multiplication Facts in order

$7 \times 0 =$

$7 \times 1 =$

$7 \times 2 =$

$7 \times 3 =$

$7 \times 4 =$

$7 \times 5 =$

$7 \times 6 =$

$7 \times 7 =$

$7 \times 8 =$

$7 \times 9 =$

$7 \times 10 =$

Task 4: Multiplication Questions - Random Order -

Remember, we know 0x, 1x, 2x, 4x, 5x, 6x, 9x, 10x already!

$7 \times 6 =$

$7 \times 8 =$

$7 \times 5 =$

$7 \times 3 =$

$7 \times 7 =$

$7 \times 1 =$

$7 \times 4 =$

$7 \times 9 =$

$7 \times 2 =$

$7 \times 10 =$

Task 5: Math Game

Choices:

- With a deck of cards, flip a card. Whoever calls out the answer to the card $\times 7$ first wins the card.
- Roll a die. Whoever shouts the answer to the die $\times 7$ gets a point. Shout a wrong answer and you subtract two points.

Progress Checklist

As you demonstrate mastery of a timetable, cross it off your list! Remember to cross it off horizontally and vertically!

Name:

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|----|----|----|----|----|----|----|----|----|-----|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 0 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 0 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 0 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 0 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

Diagnostic Checklist

Before beginning test student on each fact to see where they are starting!

Name:

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|---|---|---|---|---|---|---|---|---|----|
| 0 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |

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Diagnostic Checklist

Before beginning test student on each fact to see where they are starting!

Question # Key

Name:

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

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TimeTable Diagnostic

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

TimeTable Diagnostic

Name: _____

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

POST-Fluency Practice Checklist

Name:

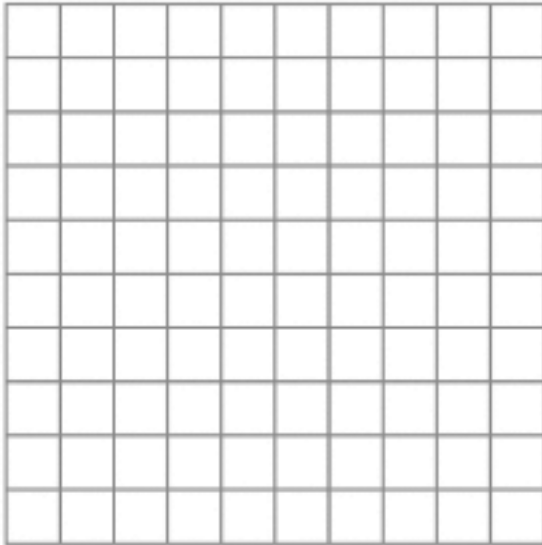
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|---|---|---|---|---|---|---|---|---|----|
| 0 | | | | | | | | | | | |
| 1 | | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |

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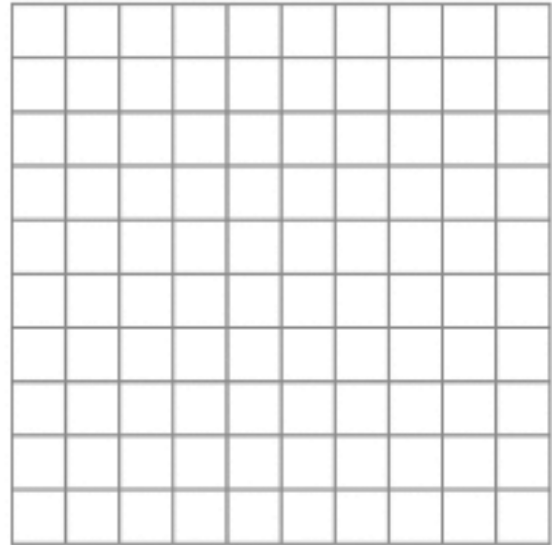
Multiplication Chart

| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|---|----|----|----|----|----|----|----|----|----|-----|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2 | 0 | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| 3 | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 |
| 4 | 0 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| 5 | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| 6 | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| 7 | 0 | 7 | 14 | 21 | 28 | 35 | 42 | 49 | 56 | 63 | 70 |
| 8 | 0 | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| 9 | 0 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 |
| 10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |

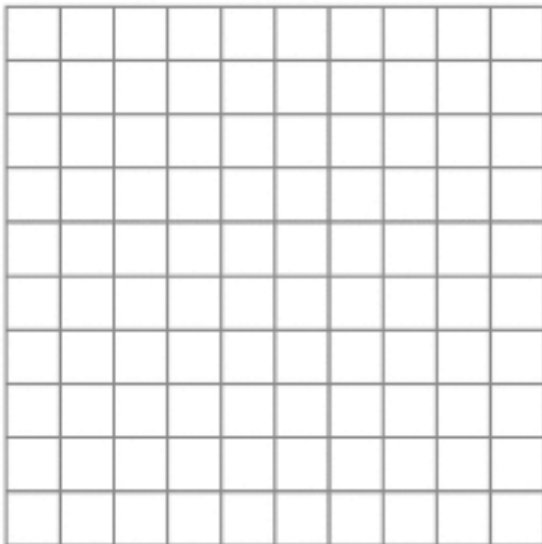
Area Game Grids



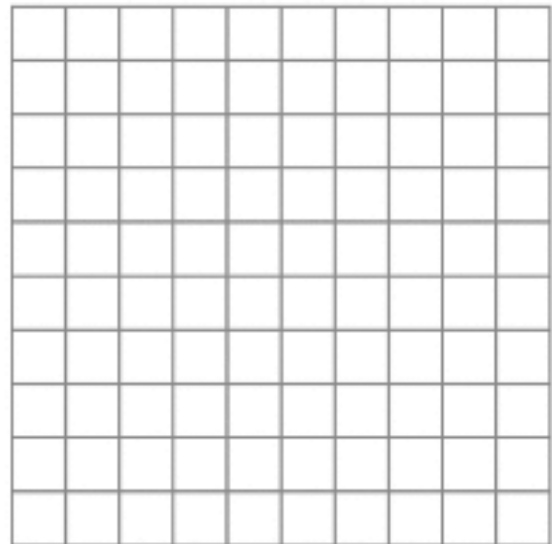
Total:



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