

Addition Using the Bar Model

Two-digit Numbers

Aim: I can add two-digit numbers

Example

$$34 + 25 = 59$$

$$30 + 20 = 50$$

$$4 + 5 = 9$$

1. $84 + 46 = \underline{\quad}$

6. $89 + 92 = \underline{\quad}$

2. $46 + 11 = \underline{\quad}$

7. $19 + 89 = \underline{\quad}$

3. $47 + 39 = \underline{\quad}$

8. $14 + 57 = \underline{\quad}$

4. $29 + 25 = \underline{\quad}$

9. $83 + 30 = \underline{\quad}$

5. $53 + 69 = \underline{\quad}$

10. $95 + 99 = \underline{\quad}$

11. $17 + 20 = \underline{\quad}$

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16. $33 + 38 = \underline{\quad}$

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12. $26 + 99 = \underline{\quad}$

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17. $21 + 93 = \underline{\quad}$

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13. $48 + 82 = \underline{\quad}$

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18. $21 + 69 = \underline{\quad}$

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14. $87 + 46 = \underline{\quad}$

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19. $98 + 91 = \underline{\quad}$

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15. $40 + 60 = \underline{\quad}$

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20. $35 + 88 = \underline{\quad}$

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Answers

1. $84 + 46 = 130$

$80 + 40 = 120$	$4 + 6 = 10$
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6. $89 + 92 = 181$

$80 + 90 = 170$	$9 + 2 = 11$
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2. $46 + 11 = 57$

$40 + 10 = 50$	$6 + 1 = 7$
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7. $19 + 89 = 108$

$10 + 80 = 90$	$9 + 9 = 18$
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3. $47 + 39 = 86$

$40 + 30 = 70$	$7 + 9 = 16$
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8. $14 + 57 = 71$

$10 + 50 = 60$	$4 + 7 = 11$
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4. $29 + 25 = 54$

$20 + 20 = 40$	$9 + 5 = 14$
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9. $83 + 30 = 113$

$80 + 30 = 110$	$3 + 0 = 3$
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5. $53 + 69 = 122$

$50 + 60 = 110$	$3 + 9 = 12$
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10. $95 + 99 = 194$

$90 + 90 = 180$	$5 + 9 = 14$
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11. $17 + 20 = 37$

$10 + 20 = 30$	$7 + 0 = 7$
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16. $33 + 38 = 71$

$30 + 30 = 60$	$3 + 8 = 11$
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12. $26 + 99 = 125$

$20 + 90 = 110$	$6 + 9 = 15$
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17. $21 + 93 = 114$

$20 + 90 = 110$	$1 + 3 = 4$
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13. $48 + 82 = 130$

$40 + 80 = 120$	$8 + 2 = 10$
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18. $21 + 69 = 90$

$20 + 60 = 80$	$1 + 9 = 10$
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14. $87 + 46 = 133$

$80 + 40 = 120$	$7 + 6 = 13$
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19. $98 + 91 = 189$

$90 + 90 = 180$	$8 + 1 = 9$
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15. $40 + 60 = 100$

$40 + 60 = 100$	$0 + 0 = 0$
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20. $35 + 88 = 123$

$30 + 80 = 110$	$5 + 8 = 13$
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