

Addition Using the Bar Model

Two-digit Numbers and Tens

Aim: I can add a two-digit number and tens

Example

$34 + 20 = 54$

$30 + 20 = 50$	4
$50 + 4 = 54$	

1. $39 + 40 = \underline{\quad}$

$30 + 40 =$	9

6. $41 + 70 = \underline{\quad}$

$40 + 70 =$	1

2. $77 + 20 = \underline{\quad}$

$70 + 20 =$	7

7. $13 + 40 = \underline{\quad}$

$10 + 40 =$	3

3. $50 + 60 = \underline{\quad}$

$50 + 60 =$	0

8. $32 + 90 = \underline{\quad}$

$30 + 90 =$	2

4. $82 + 50 = \underline{\quad}$

$80 + 50 =$	2

9. $96 + 30 = \underline{\quad}$

$90 + 30 =$	6

5. $67 + 30 = \underline{\quad}$

$60 + 30 =$	7

10. $74 + 60 = \underline{\quad}$

$70 + 60 =$	4

Addition Using the Bar Model Two-digit Numbers and Tens

11. $41 + 70 = \underline{\quad}$

$40 + 70 =$	1

16. $94 + 40 = \underline{\quad}$

$90 + 40 =$	4

12. $37 + 90 = \underline{\quad}$

$30 + 90 =$	7

17. $83 + 60 = \underline{\quad}$

$80 + 60 =$	3

13. $21 + 20 = \underline{\quad}$

$20 + 20 =$	1

18. $79 + 30 = \underline{\quad}$

$70 + 30 =$	9

14. $39 + 10 = \underline{\quad}$

$30 + 10 =$	9

19. $88 + 20 = \underline{\quad}$

$80 + 20 =$	8

15. $48 + 30 = \underline{\quad}$

$40 + 30 =$	8

20. $92 + 20 = \underline{\quad}$

$90 + 20 =$	2

Answers

1. $39 + 40 = 79$

$30 + 40 = 70$	9
$70 + 9 = 79$	

6. $41 + 70 = 111$

$40 + 70 = 110$	1
$110 + 1 = 111$	

2. $77 + 20 = 97$

$70 + 20 = 90$	7
$90 + 7 = 97$	

7. $13 + 40 = 53$

$10 + 40 = 50$	3
$50 + 3 = 53$	

3. $50 + 60 = 110$

$50 + 60 = 110$	0
$110 + 0 = 110$	

8. $32 + 90 = 122$

$30 + 90 = 120$	2
$120 + 2 = 122$	

4. $82 + 50 = 132$

$80 + 50 = 130$	2
$130 + 2 = 132$	

9. $96 + 30 = 126$

$90 + 30 = 120$	6
$120 + 6 = 126$	

5. $67 + 30 = 97$

$60 + 30 = 90$	7
$90 + 7 = 97$	

10. $74 + 60 = 134$

$70 + 60 = 130$	4
$130 + 4 = 134$	

11. $41 + 70 = 111$

$40 + 70 = 110$	1
$110 + 1 = 111$	

16. $94 + 40 = 134$

$90 + 40 = 130$	4
$130 + 4 = 134$	

12. $37 + 90 = 127$

$30 + 90 = 120$	7
$120 + 7 = 127$	

17. $83 + 60 = 143$

$80 + 60 = 140$	3
$140 + 3 = 143$	

13. $21 + 20 = 41$

$20 + 20 = 40$	1
$40 + 1 = 41$	

18. $79 + 30 = 109$

$70 + 30 = 100$	9
$100 + 9 = 109$	

14. $39 + 10 = 49$

$30 + 10 = 40$	9
$40 + 9 = 49$	

19. $88 + 20 = 108$

$80 + 20 = 100$	8
$100 + 8 = 108$	

15. $48 + 30 = 78$

$40 + 30 = 70$	8
$70 + 8 = 78$	

20. $92 + 20 = 112$

$90 + 20 = 110$	2
$110 + 2 = 112$	