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. 79 + 30 = ___

2. 37 + 80 = ___

3. 34 + 60 = ___

4. 87 + 90 = ___

5. 46 + 90 = ___

6. 65 + 80 = ___

7. 88 + 70 = ___

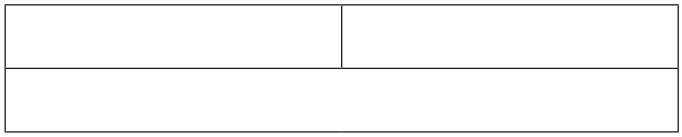
8. 27 + 90 = ___

9. 97 + 40 = ___

10. 27 + 30 = ___

11. 96 + 10 = ___

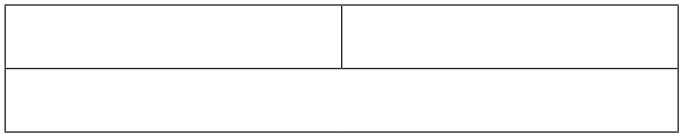
12. 36 + 10 = ___



13. 55 + 10 = ___

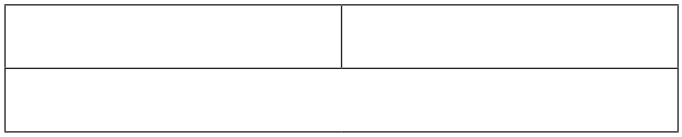
14. 42 + 20 = ___

15. 99 + 50 = ___

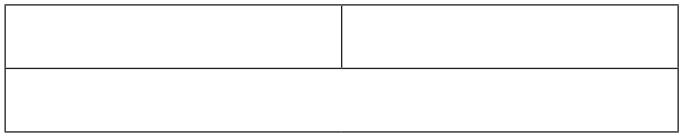


16. 89 + 20 = ___

17. 46 + 10 = ___

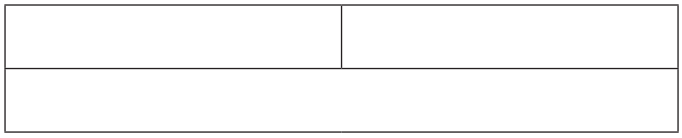


18. 76 + 50 = ___



19. 99 + 60 = ___

20. 95 + 70 = ___



Answers

1. 79 + 30 = **109**

70 + 30 = 100	**9**
100 + 9 = 109	

2. 37 + 80 = **117**

30 + 80 = 110	**7**
110 + 7 = 117	

3. 34 + 60 = **94**

30 + 60 = 90	**4**
90 + 4 = 94	

4. 87 + 90 = **177**

80 + 90 = 170	**7**
170 + 7 = 177	

5. 46 + 90 = **136**

40 + 90 = 130	**6**
130 + 6 = 136	

6. 65 + 80 = **145**

60 + 80 = 140	**5**
140 + 5 = 145	

7. 88 + 70 = **158**

80 + 70 = 150	**8**
150 + 8 = 158	

8. 27 + 90 = **117**

20 + 90 = 110	**7**
110 + 7 = 117	

9. 97 + 40 = **137**

90 + 40 = 130	**7**
130 + 7 = 137	

10. 27 + 30 = **57**

20 + 30 = 50	**7**
50 + 7 = 57	

11. 96 + 10 = **106**

90 + 10 = 100	**6**
100 + 6 = 106	

12. 36 + 10 = **46**

30 + 10 = 40	**6**
40 + 6 = 46	

13. 55 + 10 = **65**

50 + 10 = 60	**5**
60 + 5 = 65	

14. 42 + 20 = **62**

40 + 20 = 60	**2**
60 + 2 = 62	

15. 99 + 50 = **149**

90 + 50 = 140	**9**
140 + 9 = 149	

16. 89 + 20 = **109**

80 + 20 = 100	**9**
100 + 9 = 109	

17. 46 + 10 = **56**

40 + 10 = 50	**6**
50 + 6 = 56	

18. 76 + 50 = **126**

70 + 50 = 120	**6**
120 + 6 = 126	

19. 99 + 60 = **159**

90 + 60 = 150	**9**
150 + 9 = 159	

20. 95 + 70 = **165**

90 + 70 = 160	**5**
160 + 5 = 165	