

Write the answers. Look for patterns.

$1 + 1$	$2 + 1$	$3 + 1$	$4 + 1$	$5 + 1$	$6 + 1$	$7 + 1$	$8 + 1$	$9 + 1$
$1 + 2$	$2 + 2$	$3 + 2$	$4 + 2$	$5 + 2$	$6 + 2$	$7 + 2$	$8 + 2$	
$1 + 3$	$2 + 3$	$3 + 3$	$4 + 3$	$5 + 3$	$6 + 3$	$7 + 3$		
$1 + 4$	$2 + 4$	$3 + 4$	$4 + 4$	$5 + 4$	$6 + 4$			
$1 + 5$	$2 + 5$	$3 + 5$	$4 + 5$	$5 + 5$				
$1 + 6$	$2 + 6$	$3 + 6$	$4 + 6$					
$1 + 7$	$2 + 7$	$3 + 7$						
$1 + 8$	$2 + 8$							
$1 + 9$								

Write the answers. Look for patterns.

$2 - 1$	$3 - 1$	$4 - 1$	$5 - 1$	$6 - 1$	$7 - 1$	$8 - 1$	$9 - 1$	$10 - 1$
	$3 - 2$	$4 - 2$	$5 - 2$	$6 - 2$	$7 - 2$	$8 - 2$	$9 - 2$	$10 - 2$
		$4 - 3$	$5 - 3$	$6 - 3$	$7 - 3$	$8 - 3$	$9 - 3$	$10 - 3$
			$5 - 4$	$6 - 4$	$7 - 4$	$8 - 4$	$9 - 4$	$10 - 4$
				$6 - 5$	$7 - 5$	$8 - 5$	$9 - 5$	$10 - 5$
					$7 - 6$	$8 - 6$	$9 - 6$	$10 - 6$
						$8 - 7$	$9 - 7$	$10 - 7$
							$9 - 8$	$10 - 8$
								$10 - 9$

Look for patterns.

1 + 1 2	2 + 1 3	3 + 1 4	4 + 1 5	5 + 1 6	6 + 1 7	7 + 1 8	8 + 1 9	9 + 1 10
1 + 2 3	2 + 2 4	3 + 2 5	4 + 2 6	5 + 2 7	6 + 2 8	7 + 2 9	8 + 2 10	
1 + 3 4	2 + 3 5	3 + 3 6	4 + 3 7	5 + 3 8	6 + 3 9	7 + 3 10		
1 + 4 5	2 + 4 6	3 + 4 7	4 + 4 8	5 + 4 9	6 + 4 10			
1 + 5 6	2 + 5 7	3 + 5 8	4 + 5 9	5 + 5 10				
1 + 6 7	2 + 6 8	3 + 6 9	4 + 6 10					
1 + 7 8	2 + 7 9	3 + 7 10						
1 + 8 9	2 + 8 10							
1 + 9 10								

Look for patterns.

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

Write the answers. Look for patterns.

							$9 + 2$
						$8 + 3$	$9 + 3$
				$7 + 4$	$8 + 4$	$9 + 4$	
			$6 + 5$	$7 + 5$	$8 + 5$	$9 + 5$	
		$5 + 6$	$6 + 6$	$7 + 6$	$8 + 6$	$9 + 6$	
	$4 + 7$	$5 + 7$	$6 + 7$	$7 + 7$	$8 + 7$	$9 + 7$	
	$3 + 8$	$4 + 8$	$5 + 8$	$6 + 8$	$7 + 8$	$8 + 8$	$9 + 8$
$2 + 9$	$3 + 9$	$4 + 9$	$5 + 9$	$6 + 9$	$7 + 9$	$8 + 9$	$9 + 9$

Write the answers. Look for patterns.

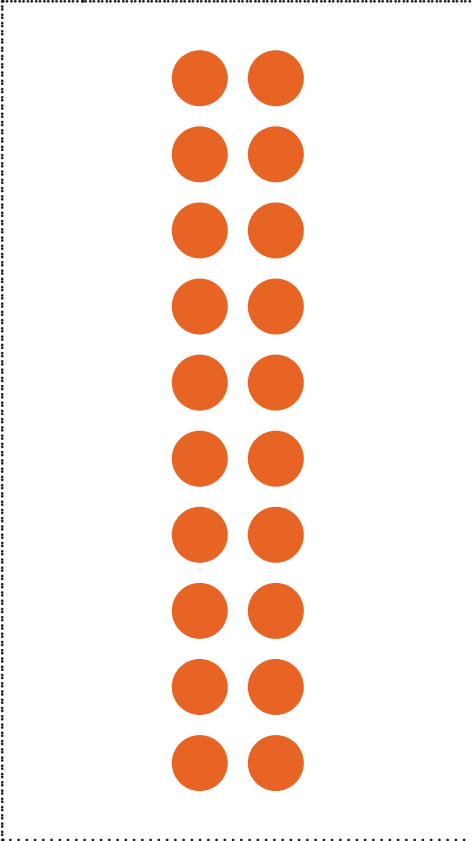
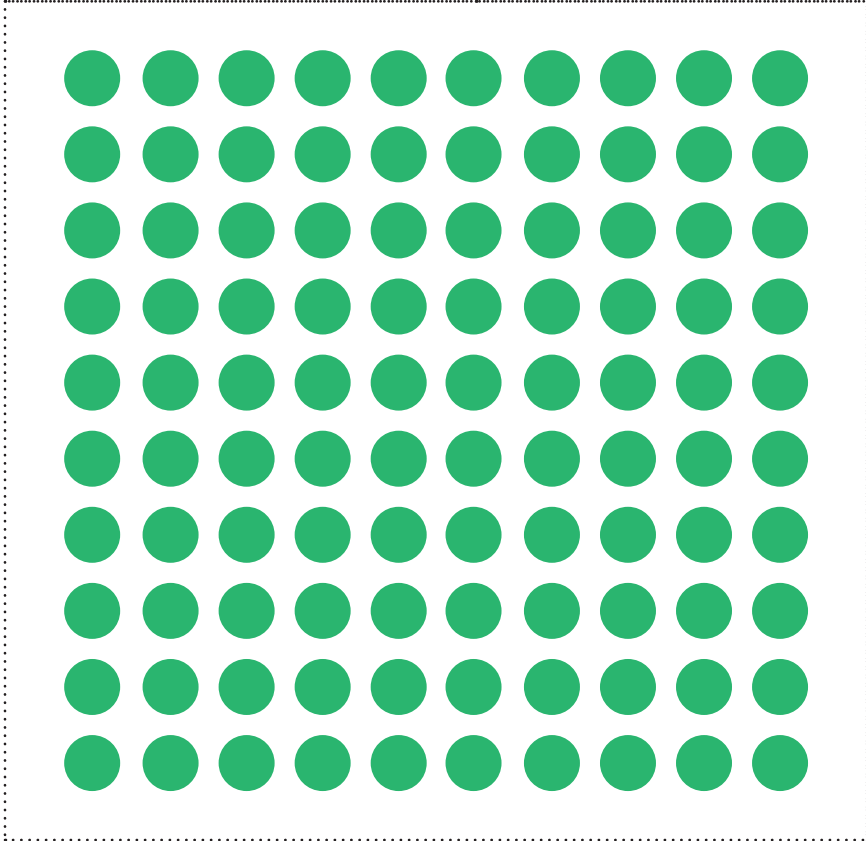
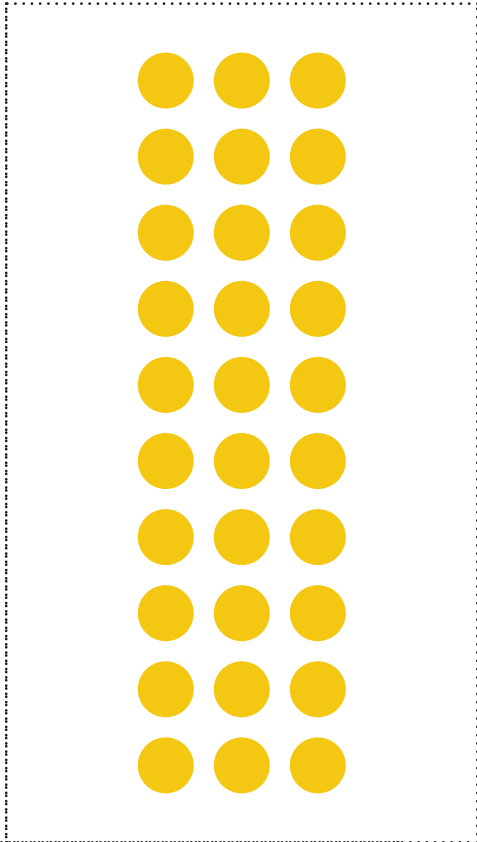
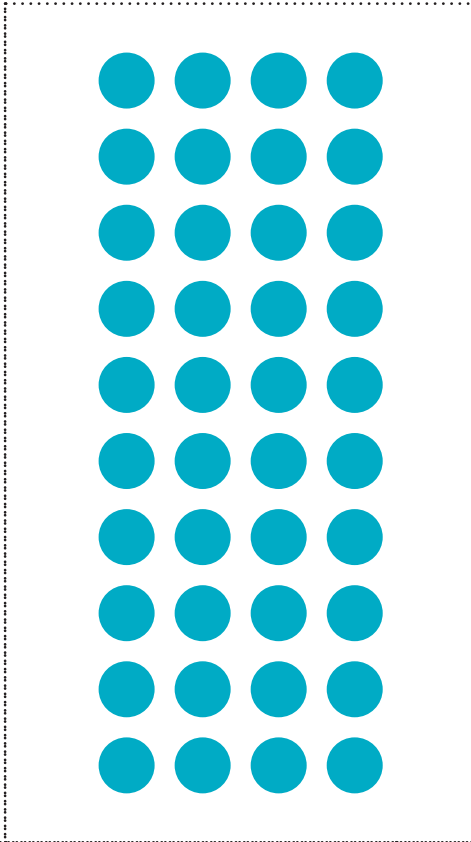
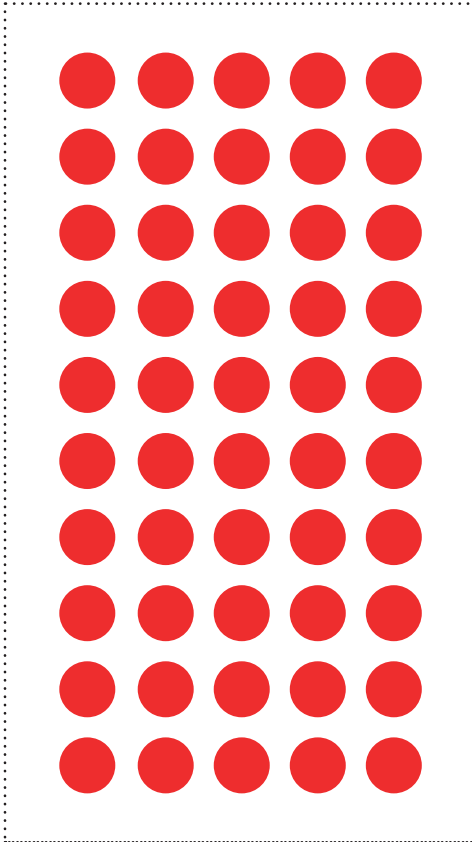
$11 - 2$								
$11 - 3$	$12 - 3$							
$11 - 4$	$12 - 4$	$13 - 4$						
$11 - 5$	$12 - 5$	$13 - 5$	$14 - 5$					
$11 - 6$	$12 - 6$	$13 - 6$	$14 - 6$	$15 - 6$				
$11 - 7$	$12 - 7$	$13 - 7$	$14 - 7$	$15 - 7$	$16 - 7$			
$11 - 8$	$12 - 8$	$13 - 8$	$14 - 8$	$15 - 8$	$16 - 8$	$17 - 8$		
$11 - 9$	$12 - 9$	$13 - 9$	$14 - 9$	$15 - 9$	$16 - 9$	$17 - 9$	$18 - 9$	

Look for patterns.

							9 + 2 11
						8 + 3 11	9 + 3 12
					7 + 4 11	8 + 4 12	9 + 4 13
				6 + 5 11	7 + 5 12	8 + 5 13	9 + 5 14
			5 + 6 11	6 + 6 12	7 + 6 13	8 + 6 14	9 + 6 15
		4 + 7 11	5 + 7 12	6 + 7 13	7 + 7 14	8 + 7 15	9 + 7 16
	3 + 8 11	4 + 8 12	5 + 8 13	6 + 8 14	7 + 8 15	8 + 8 16	9 + 8 17
2 + 9 11	3 + 9 12	4 + 9 13	5 + 9 14	6 + 9 15	7 + 9 16	8 + 9 17	9 + 9 18

Look for patterns.

$11 - 2$ 9								
$11 - 3$ 8	$12 - 3$ 9							
$11 - 4$ 7	$12 - 4$ 8	$13 - 4$ 9						
$11 - 5$ 6	$12 - 5$ 7	$13 - 5$ 8	$14 - 5$ 9					
$11 - 6$ 5	$12 - 6$ 6	$13 - 6$ 7	$14 - 6$ 8	$15 - 6$ 9				
$11 - 7$ 4	$12 - 7$ 5	$13 - 7$ 6	$14 - 7$ 7	$15 - 7$ 8	$16 - 7$ 9			
$11 - 8$ 3	$12 - 8$ 4	$13 - 8$ 5	$14 - 8$ 6	$15 - 8$ 7	$16 - 8$ 8	$17 - 8$ 9		
$11 - 9$ 2	$12 - 9$ 3	$13 - 9$ 4	$14 - 9$ 5	$15 - 9$ 6	$16 - 9$ 7	$17 - 9$ 8	$18 - 9$ 9	



Material: Hundred chart

Directions:

The arrows represent movement on the chart. For example:

$$12 \rightarrow = 13 \quad 12 \leftarrow = 11 \quad 12 \uparrow = 2 \quad 12 \downarrow = 22$$

$$12 \searrow = 23 \quad 12 \swarrow = 21 \quad 12 \nearrow = 1 \quad 12 \nwarrow = 3$$

Find the answer to the following arrow problems without the chart, then use the chart to check your answers.

1 $63 \uparrow \downarrow \rightarrow \rightarrow = \underline{\hspace{2cm}}$

2 $27 \nearrow \rightarrow \rightarrow \downarrow \leftarrow = \underline{\hspace{2cm}}$

3 $100 \nwarrow \nwarrow \nwarrow \nwarrow \nwarrow \nwarrow = \underline{\hspace{2cm}}$

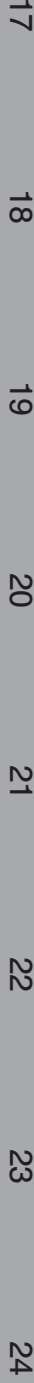
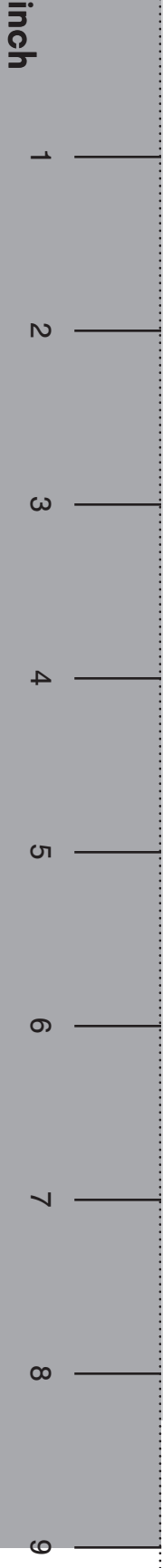
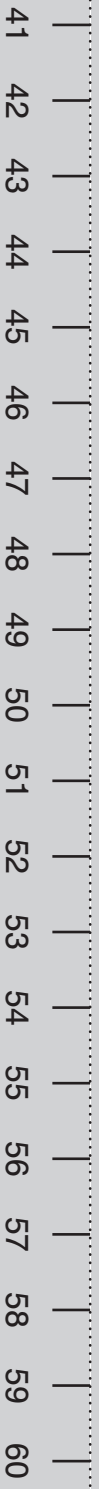
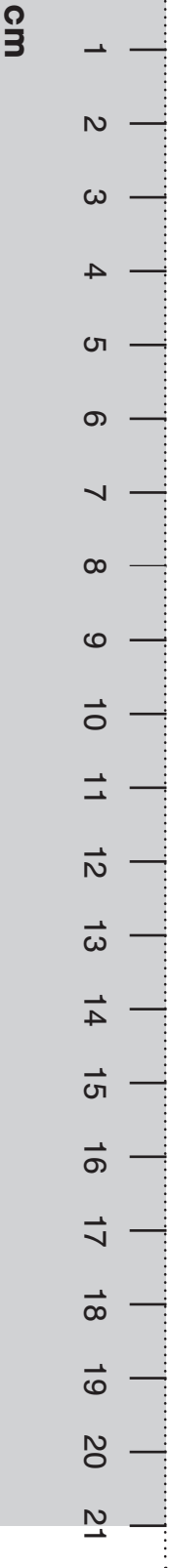
4 $55 \nearrow \nearrow \leftarrow \leftarrow \leftarrow \downarrow \searrow = \underline{\hspace{2cm}}$

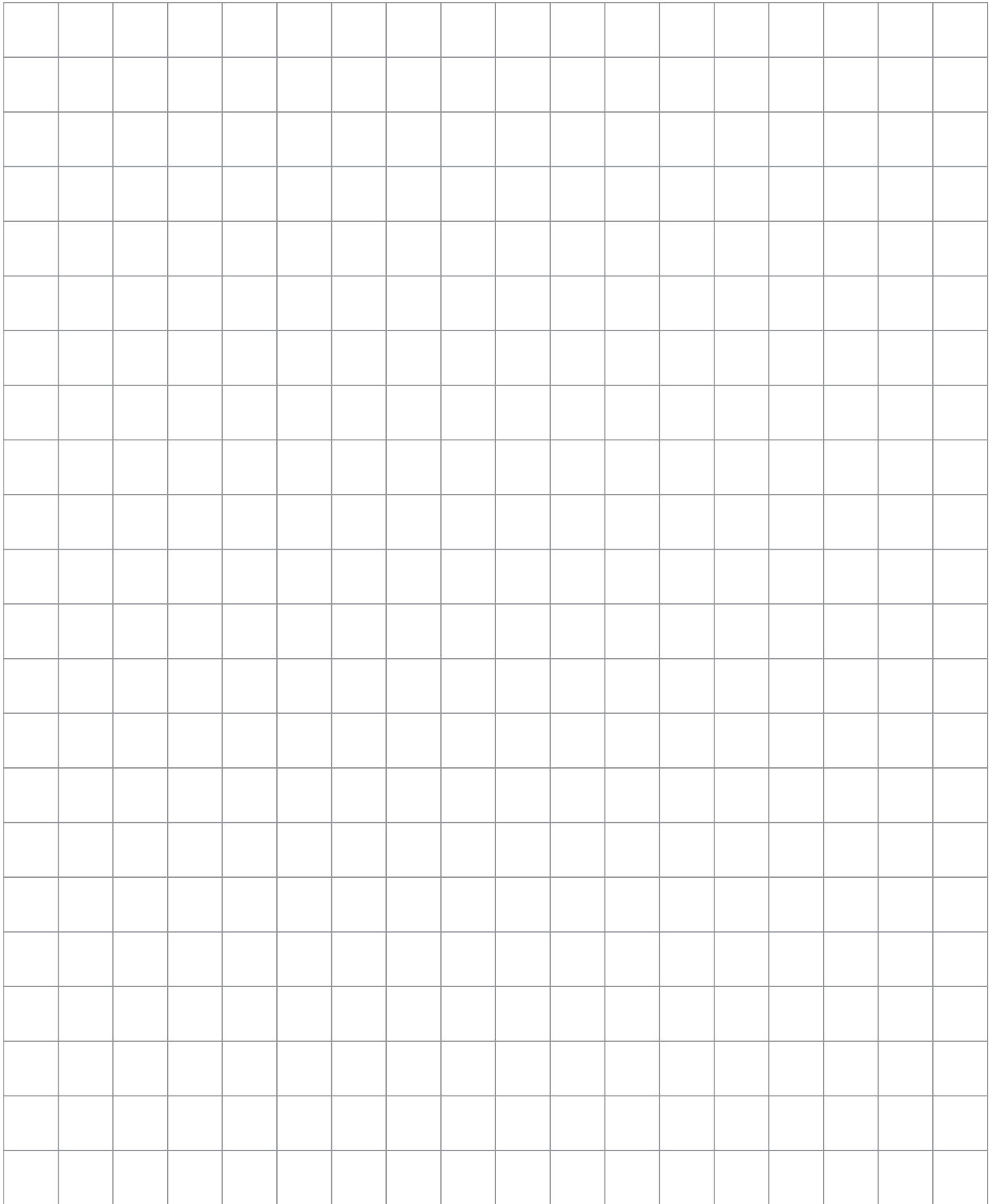
5 $87 \uparrow \uparrow \uparrow \leftarrow \leftarrow \swarrow \swarrow = \underline{\hspace{2cm}}$

6 $32 \rightarrow \rightarrow \rightarrow \rightarrow \nearrow \nearrow \downarrow \downarrow \swarrow = \underline{\hspace{2cm}}$

7 $\underline{\hspace{2cm}} \rightarrow \rightarrow \rightarrow \swarrow = 64$

8 $\underline{\hspace{2cm}} \nearrow \nearrow \rightarrow \swarrow \downarrow \downarrow \rightarrow \rightarrow = 95$





★	10	1	8	2	5	3	★
9	3	1	5	4	9	2	4
8	2	10	8	6	1	6	7
2	3	8	2	3	10	8	9
9	3	7	1	9	4	2	8
4	5	4	7	3	6	5	2
8	5	9	10	4	7	1	10
5	7	6	1	6	9	5	7
★	6	4	10	6	7	3	★



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	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Number of boxes	Number of watermelon in each box	Total watermelon	Equation
1	2		
2	2		
3	2		
4	2		
5	2		
6	2		
7	2		
8	2		
9	2		
10	2		

Number of boxes	Number of mangoes in each box	Total mangoes	Equation
1	5		
2	5		
3	5		
4	5		
5	5		
6	5		
7	5		
8	5		
9	5		
10	5		

Number of bags	Number of walnuts in each bag	Total walnuts	Equation
1	10		
2	10		
3	10		
4	10		
5	10		
6	10		
7	10		
8	10		
9	10		
10	10		

x	4	1	8	5	2	10	7	3	9	6
1										
2										
5										

x	1	2	4	8	5	10	3	6	9	7
5										
1										
2										

x	3	5	2	9	7	10	8	1	6	4
2										
5										
1										

x	3	8	1	7	2	6	9	5	10	4
5										
2										
10										
1										

x	10	5	8	4	2	1	6	3	7	9
2										
1										
10										
5										

x					5			6		
2		14				6				
					50				20	
			45				20	30		5
1	10			8						

x		1			3	5			8	
			35				50		40	
		1						2		
	12			18	6					
10										40

Answers for Multiplication Charts 2A

x	4	1	8	5	2	10	7	3	9	6
1	4	1	8	5	2	10	7	3	9	6
2	8	2	16	10	4	20	14	6	18	12
5	20	5	40	25	10	50	35	10	45	30

x	1	2	4	8	5	10	3	6	9	7
5	5	10	20	40	25	50	15	30	45	35
1	1	2	4	8	5	10	3	6	9	7
2	2	4	8	16	10	20	6	12	18	14

x	3	5	2	9	7	10	8	1	6	4
2	6	10	4	18	14	20	16	2	12	8
5	15	25	10	45	35	50	40	5	30	20
1	3	5	2	9	7	10	8	1	6	4

x	10	7	9	8	5	3	4	6	2	1
2	20	14	18	16	10	6	8	12	4	2
10	100	70	90	80	50	30	40	60	20	10
5	50	35	45	40	25	15	20	30	10	5
1	10	7	9	8	5	3	4	6	2	1

x	6	1	7	9	3	5	10	2	8	4
5	30	5	35	45	15	25	50	10	40	20
1	6	1	7	9	3	5	10	2	8	4
2	12	2	14	18	6	10	20	4	16	8
10	60	10	70	90	30	50	100	20	80	40

x	3	8	1	7	2	6	9	5	10	4
5	15	40	5	35	10	30	45	25	50	20
2	6	16	2	14	4	12	18	10	20	8
10	30	80	10	70	20	60	90	50	100	40
1	3	8	1	7	2	6	9	5	10	4

x	10	5	8	4	2	1	6	3	7	9
2	20	10	16	8	4	2	12	6	14	18
1	10	5	8	4	2	1	6	3	7	9
10	100	50	80	40	20	10	60	30	70	80
5	50	25	40	20	10	5	30	15	35	45

4	20	5	25	16	8	30	100	30	25
35	6	16	8	60	5	10	80	12	90
15	100	14	40	2	90	15	30	8	20
10	25	50	45	5	18	2	70	35	6
15	60	35	4	80	12	20	10	80	2
30	12	45	50	25	18	16	8	30	12
15	30	14	40	2	10	80	100	90	5
18	40	70	35	6	60	15	30	8	20
50	45	5	18	50	35	6	50	8	60
25	16	8	30	14	10	25	50	45	70
80	12	20	40	90	18	16	4	15	6
35	6	16	8	60	30	12	30	25	14
70	90	35	6	16	8	60	10	4	5
40	80	15	30	8	20	45	5	100	10

★	70	2	30	5	10	20	★
12	10	60	90	6	18	60	15
25	14	40	20	90	35	4	70
40	30	16	10	100	2	10	12
★	4	10	8	16	80	8	★
30	5	20	40	14	8	35	30
50	80	12	6	10	50	45	16
20	4	45	100	25	6	18	40
★	50	18	20	14	15	16	★

0

1

2

3

4

5

6

7

8

9

10

0

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

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

1 0

1 0 0

2 0

2 0 0

3 0

3 0 0

4 0

4 0 0

5 0

5 0 0

6 0

6 0 0

7 0

7 0 0

8 0

8 0 0

9	0	9	0	0
1	2	3	4	5
6	7	8	9	

1 0	1 0 0
2 0	2 0 0
3 0	3 0 0
4 0	4 0 0

5 0	5 0 0
6 0	6 0 0
7 0	7 0 0
8 0	8 0 0

9 0		9 0 0		
1	2	3	4	5
6	7	8	9	

1 0

1

2 0

2

3 0

3

4

0

4

5

0

5

6

0

6

7

0

7

8

0

8

9

0

9

1 0

1

2 0

2

3 0

3

4 0

4

5 0

5

6 0

6

7 0

7

8 0

8

9 0

9

Mental Math 1

$64 - 3 = \underline{\quad}$

$35 + 30 = \underline{\quad}$

$87 - 2 = \underline{\quad}$

$74 + 1 = \underline{\quad}$

$48 - 10 = \underline{\quad}$

$61 - 2 = \underline{\quad}$

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

$51 + 30 = \underline{\quad}$

$65 + 3 = \underline{\quad}$

$28 - 3 = \underline{\quad}$

$2 + 48 = \underline{\quad}$

$70 - 2 = \underline{\quad}$

$81 - 20 = \underline{\quad}$

$18 + 3 = \underline{\quad}$

$37 + 20 = \underline{\quad}$

$59 - 3 = \underline{\quad}$

$31 - 2 = \underline{\quad}$

$20 + 79 = \underline{\quad}$

Mental Math 2

$472 + 200 = \underline{\quad}$

$472 + 2 = \underline{\quad}$

$472 + 20 = \underline{\quad}$

$845 - 3 = \underline{\quad}$

$845 - 300 = \underline{\quad}$

$845 - 30 = \underline{\quad}$

$189 + 3 = \underline{\quad}$

$189 + 30 = \underline{\quad}$

$511 - 2 = \underline{\quad}$

$511 - 20 = \underline{\quad}$

$20 + 452 = \underline{\quad}$

$992 - 200 = \underline{\quad}$

$2 + 238 = \underline{\quad}$

$30 + 590 = \underline{\quad}$

$602 - 30 = \underline{\quad}$

$1 + 819 = \underline{\quad}$

$798 + 20 = \underline{\quad}$

$595 - 200 = \underline{\quad}$

Mental Math 3

$642 + 300 = \underline{\quad}$

$20 + 490 = \underline{\quad}$

$732 - 3 = \underline{\quad}$

$159 - 20 = \underline{\quad}$

$942 + \underline{\quad} = 962$

$\underline{\quad} + 2 = 869$

$902 - \underline{\quad} = 892$

$\underline{\quad} - 1 = 529$

$697 = 30 + \underline{\quad}$

$520 = \underline{\quad} - 300$

$791 - 20 = \underline{\quad}$

$2 + \underline{\quad} = 500$

$\underline{\quad} - 10 = 200$

$200 = \underline{\quad} + 3$

$\underline{\quad} = 342 + 300$

$10 + 680 = \underline{\quad}$

$1 + \underline{\quad} = 899$

$302 - \underline{\quad} = 298$

Mental Math 4

$5 + 6 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$7 + 5 = \underline{\quad}$

$4 + 9 = \underline{\quad}$

$7 + 4 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$9 + 3 = \underline{\quad}$

$5 + 8 = \underline{\quad}$

$6 + 4 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$9 + 2 = \underline{\quad}$

$5 + 4 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$5 + 9 = \underline{\quad}$

$6 + 8 = \underline{\quad}$

$15 + 3 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$3 + 13 = \underline{\quad}$

Mental Math 5

$6 + 9 = \underline{\quad}$

$8 + 5 = \underline{\quad}$

$3 + 9 = \underline{\quad}$

$4 + 3 = \underline{\quad}$

$7 + 9 = \underline{\quad}$

$4 + 7 = \underline{\quad}$

$7 + 8 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$12 + 6 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$12 + 5 = \underline{\quad}$

$8 + 8 = \underline{\quad}$

$4 + 8 = \underline{\quad}$

$4 + 15 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$8 + 3 = \underline{\quad}$

$5 + 7 = \underline{\quad}$

Mental Math 6

$14 - 9 = \underline{\quad}$

$16 - 9 = \underline{\quad}$

$17 - 8 = \underline{\quad}$

$14 - 8 = \underline{\quad}$

$14 - 7 = \underline{\quad}$

$14 - 5 = \underline{\quad}$

$13 - 6 = \underline{\quad}$

$11 - 5 = \underline{\quad}$

$11 - 9 = \underline{\quad}$

$13 - 9 = \underline{\quad}$

$15 - 7 = \underline{\quad}$

$12 - 6 = \underline{\quad}$

$15 - 9 = \underline{\quad}$

$11 - 4 = \underline{\quad}$

$13 - 5 = \underline{\quad}$

$13 - 4 = \underline{\quad}$

$11 - 8 = \underline{\quad}$

$12 - 5 = \underline{\quad}$

Mental Math 7

$13 - 7 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

$12 - 8 = \underline{\quad}$

$11 - 6 = \underline{\quad}$

$15 - 8 = \underline{\quad}$

$12 - 4 = \underline{\quad}$

$15 - 6 = \underline{\quad}$

$16 - 7 = \underline{\quad}$

$14 - 6 = \underline{\quad}$

$12 - 3 = \underline{\quad}$

$17 - 9 = \underline{\quad}$

$12 - 7 = \underline{\quad}$

$16 - 8 = \underline{\quad}$

$11 - 2 = \underline{\quad}$

$13 - 8 = \underline{\quad}$

$12 - 9 = \underline{\quad}$

$11 - 7 = \underline{\quad}$

$11 - 3 = \underline{\quad}$

Mental Math 8

$5 + 9 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$11 - 6 = \underline{\quad}$

$15 - 9 = \underline{\quad}$

$9 + 8 = \underline{\quad}$

$17 - 8 = \underline{\quad}$

$9 + 3 = \underline{\quad}$

$11 - 7 = \underline{\quad}$

$14 - 8 = \underline{\quad}$

$19 - 8 = \underline{\quad}$

$6 + 5 = \underline{\quad}$

$15 - 7 = \underline{\quad}$

$4 + 5 = \underline{\quad}$

$9 + 9 = \underline{\quad}$

$12 - 5 = \underline{\quad}$

$3 + 8 = \underline{\quad}$

$11 - 4 = \underline{\quad}$

$8 + 7 = \underline{\quad}$

Mental Math 9

$11 - 5 = \underline{\quad}$

$6 + 6 = \underline{\quad}$

$2 + 9 = \underline{\quad}$

$18 - 9 = \underline{\quad}$

$9 + 5 = \underline{\quad}$

$13 + 5 = \underline{\quad}$

$9 + 7 = \underline{\quad}$

$12 - 9 = \underline{\quad}$

$14 - 6 = \underline{\quad}$

$7 + 6 = \underline{\quad}$

$11 - 8 = \underline{\quad}$

$14 - 5 = \underline{\quad}$

$6 + 9 = \underline{\quad}$

$18 - 3 = \underline{\quad}$

$7 + 7 = \underline{\quad}$

$13 - 7 = \underline{\quad}$

$8 + 9 = \underline{\quad}$

$13 - 6 = \underline{\quad}$

Mental Math 10

$2 \times 5 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$9 \times 5 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$5 \times 4 = \underline{\quad}$

$1 \times 5 = \underline{\quad}$

$3 \times 5 = \underline{\quad}$

$10 \times 5 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$6 \times 5 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

Mental Math 11

$4 \times 2 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$2 \times 3 = \underline{\quad}$

$9 \times 2 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$2 \times 4 = \underline{\quad}$

$1 \times 2 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$2 \times 7 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$10 \times 2 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

Mental Math 12

$3 \times 2 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$5 \times 2 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$8 \times 2 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$4 \times 2 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$1 \times 5 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$

$9 \times 2 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

Mental Math 13

$5 \times 2 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$5 \times 10 = \underline{\quad}$

$10 \times 7 = \underline{\quad}$

$9 \times 5 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$9 \times 10 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$2 \times 7 = \underline{\quad}$

$10 \times 10 = \underline{\quad}$

$5 \times 1 = \underline{\quad}$

$4 \times 10 = \underline{\quad}$

$7 \times 5 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

Mental Math 14

$2 \times 7 = \underline{\quad}$

$2 \times 1 = \underline{\quad}$

$6 \times 2 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$1 \times 1 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$

$10 \times 2 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$4 \times 2 = \underline{\quad}$

$10 \times 1 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

$10 \times 8 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$3 \times 10 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

Mental Math 15

$4 \div 2 = \underline{\quad}$

$10 \div 2 = \underline{\quad}$

$2 \div 2 = \underline{\quad}$

$6 \div 2 = \underline{\quad}$

$12 \div 2 = \underline{\quad}$

$16 \div 2 = \underline{\quad}$

$18 \div 2 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

$20 \div 2 = \underline{\quad}$

$14 \div 2 = \underline{\quad}$

$10 \div 2 = \underline{\quad}$

$4 \div 2 = \underline{\quad}$

$18 \div 2 = \underline{\quad}$

$6 \div 2 = \underline{\quad}$

$16 \div 2 = \underline{\quad}$

$20 \div 2 = \underline{\quad}$

$12 \div 2 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

Mental Math 16

$15 \div 5 = \underline{\quad}$

$30 \div 5 = \underline{\quad}$

$70 \div 10 = \underline{\quad}$

$10 \div 5 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$40 \div 5 = \underline{\quad}$

$80 \div 10 = \underline{\quad}$

$100 \div 10 = \underline{\quad}$

$45 \div 5 = \underline{\quad}$

$60 \div 10 = \underline{\quad}$

$30 \div 10 = \underline{\quad}$

$5 \div 5 = \underline{\quad}$

$90 \div 10 = \underline{\quad}$

$20 \div 5 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$10 \div 10 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

Mental Math 17

$16 \div 2 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$20 \div 5 = \underline{\quad}$

$2 \div 2 = \underline{\quad}$

$45 \div 5 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

$30 \div 10 = \underline{\quad}$

$10 \div 5 = \underline{\quad}$

$18 \div 2 = \underline{\quad}$

$40 \div 5 = \underline{\quad}$

$50 \div 10 = \underline{\quad}$

$30 \div 5 = \underline{\quad}$

$14 \div 2 = \underline{\quad}$

$15 \div 5 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$10 \div 2 = \underline{\quad}$

$20 \div 10 = \underline{\quad}$

Mental Math 18

$10 \div 2 = \underline{\quad}$

$5 \times 5 = \underline{\quad}$

$15 \div 5 = \underline{\quad}$

$5 \times 7 = \underline{\quad}$

$7 \times 2 = \underline{\quad}$

$50 \div 10 = \underline{\quad}$

$45 \div 5 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$2 \div 2 = \underline{\quad}$

$35 \div 5 = \underline{\quad}$

$2 \times 2 = \underline{\quad}$

$2 \times 9 = \underline{\quad}$

$9 \times 5 = \underline{\quad}$

$8 \div 2 = \underline{\quad}$

$2 \times 6 = \underline{\quad}$

$6 \times 10 = \underline{\quad}$

$30 \div 5 = \underline{\quad}$

$5 \div 5 = \underline{\quad}$

Mental Math 19

$10 \times 7 = \underline{\quad}$

$3 \times 2 = \underline{\quad}$

$5 \times 3 = \underline{\quad}$

$10 \times 5 = \underline{\quad}$

$4 \div 2 = \underline{\quad}$

$5 \div 5 = \underline{\quad}$

$2 \times 8 = \underline{\quad}$

$5 \times 8 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$14 \div 2 = \underline{\quad}$

$25 \div 5 = \underline{\quad}$

$1 \times 5 = \underline{\quad}$

$18 \div 2 = \underline{\quad}$

$10 \div 1 = \underline{\quad}$

$4 \times 5 = \underline{\quad}$

$40 \div 5 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

Mental Math 20

$7 \times 5 = \underline{\quad}$

$5 \div 1 = \underline{\quad}$

$90 \div 10 = \underline{\quad}$

$2 \times 5 = \underline{\quad}$

$16 \div 2 = \underline{\quad}$

$2 \times 10 = \underline{\quad}$

$10 \div 5 = \underline{\quad}$

$9 \times 2 = \underline{\quad}$

$100 \div 10 = \underline{\quad}$

$6 \div 2 = \underline{\quad}$

$2 \times 4 = \underline{\quad}$

$50 \div 5 = \underline{\quad}$

$5 \times 9 = \underline{\quad}$

$30 \div 10 = \underline{\quad}$

$20 \div 5 = \underline{\quad}$

$8 \times 5 = \underline{\quad}$

$20 \div 2 = \underline{\quad}$

$12 \div 2 = \underline{\quad}$

Mental Math 21

$2 \times 3 = \underline{\quad}$

$5 \times \underline{\quad} = 45$

$\underline{\quad} \times 10 = 50$

$12 \div 2 = \underline{\quad}$

$10 \div \underline{\quad} = 5$

$\underline{\quad} \div 2 = 8$

$40 \div 5 = \underline{\quad}$

$2 \times \underline{\quad} = 18$

$\underline{\quad} \div 10 = 1$

$3 \times 5 = \underline{\quad}$

$\underline{\quad} \times 2 = 14$

$5 \times 4 = \underline{\quad}$

$35 \div \underline{\quad} = 5$

$30 \div \underline{\quad} = 6$

$\underline{\quad} \div 5 = 9$

$\underline{\quad} \times 2 = 10$

$10 \times 10 = \underline{\quad}$

$20 \div \underline{\quad} = 2$

MM 1	MM 2	MM 3	MM 4	MM 5	MM 6	MM 7	MM 8	MM 9
61	672	942	11	15	5	6	14	6
65	474	510	16	13	7	9	14	12
85	492	729	12	12	9	4	5	11
75	842	139	13	7	6	5	6	9
38	545	20	11	16	7	7	17	14
59	815	867	12	11	9	8	9	18
42	192	10	12	15	7	9	12	16
81	219	530	13	18	6	9	4	3
68	509	667	10	12	2	8	6	8
25	491	820	15	18	4	9	11	3
50	472	771	11	17	8	8	11	13
68	792	498	9	17	6	5	8	9
61	240	210	14	16	6	8	9	15
21	620	197	14	12	7	9	18	15
57	572	642	14	19	8	5	7	14
56	820	690	18	13	9	3	11	6
29	818	898	7	11	3	4	7	17
99	395	3	16	12	7	8	15	7

MM 10	MM 11	MM 12	MM 13	MM 14	MM 15	MM 16	MM 17	MM 18
10	8	6	10	14	2	3	8	5
40	14	20	20	2	5	6	7	25
45	4	30	20	12	1	7	4	3
15	16	10	4	15	3	2	4	35
35	12	50	50	1	6	5	1	14
20	6	4	70	60	8	8	9	5
30	18	16	45	14	9	8	4	9
45	10	45	30	20	4	10	3	15
25	8	35	18	25	10	9	2	1
10	2	20	90	8	7	6	9	7
35	12	8	6	10	5	3	8	4
20	16	15	14	40	2	1	5	18
5	6	12	100	16	9	9	6	45
15	4	5	5	80	3	4	7	4
50	14	25	40	35	8	4	3	12
25	10	14	35	30	10	1	5	60
30	20	18	40	45	6	7	5	6
40	18	40	25	18	4	10	2	1

MM 19	MM 20	MM 21
70	35	6
6	5	9
15	9	5
50	10	6
2	8	2
1	20	16
16	2	8
40	18	9
4	10	10
10	3	15
7	8	7
5	5	20
5	45	7
9	3	5
10	4	45
20	40	5
8	10	100
30	6	10