

**Year 2 Maths Addition and Subtraction Workbook**

**+**

**-**

|  |  |  |  |
| --- | --- | --- | --- |
| **Statutory Requirements** | **Worksheet** | **Page Number** | **Notes** |
| Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures. | * Hops to and from 10 * Addition to 20 on a number line * Subtraction within 20 on a number line | 1 - 2  3 - 5  6 - 8 |  |
| Solve problems with addition and subtraction.  Applying their increasing knowledge of mental and written methods. | * Monsters colour by number addition and subtraction up to 20 | 9 |  |
| Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100. | * Addition and Subtraction facts to 20 * Deriving Facts to 100 | 10  11 |  |
| Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: | | | |
| A two-digit number and ones. | * Adding/subtracting 2-digit numbers and ones crossing 10 | 12 - 15 |  |
| A two-digit number and tens. | * Adding/subtracting  2-digit numbers and tens not crossing 100 | 16 - 18 |  |
|  | * Adding two 2-digit numbers | 19 - 21  22 - 23  24 - 25 |  |
|  | beyond 100 |
| Two two-digit numbers. | * Subtracting tens and ones from 2-digit numbers not crossing 100 |
|  | * Subtracting tens and ones from |
|  | 2-digit numbers crossing 100 |
|  | * Adding three one-digit numbers using number facts to 10 * Adding three one-digit numbers   - Which 3 numbers? | 26 |  |
| Adding three one-digit numbers. |  |
|  | 27 |
| Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot. | * Addition can be done in any order - subtraction can't! | 28 - 29 |  |
| Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. | * Number family worksheets * Using Inverse Operations to check – Two Digits Plus One Digit | 30 - 33  34 - 35 |  |

**Home Learning Year 2 Maths Workbook Pack**

**Year 2 Programme of Study – Addition and Subtraction**

0

2

3 4

5

6 7

8

1

10

9

+1

+5

+4

10

1

10

1

10

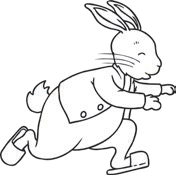
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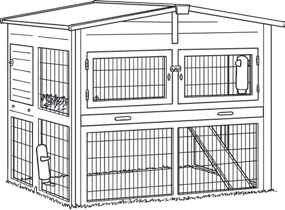
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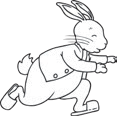
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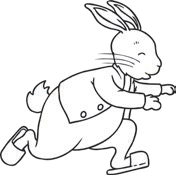
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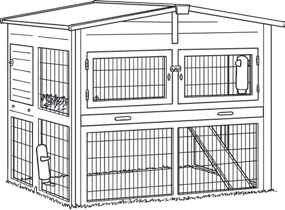


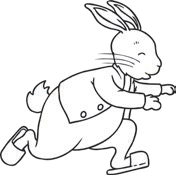


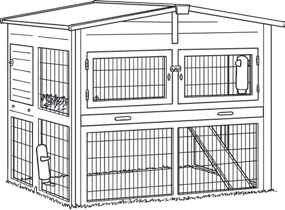


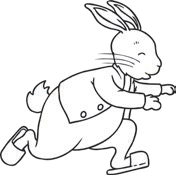


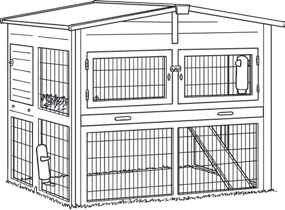


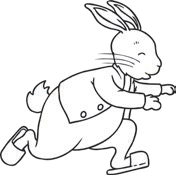


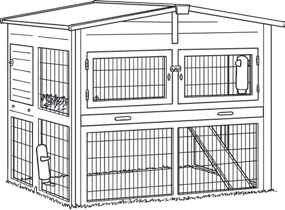












**3 Hops to 10**

Example

4 + 5 + 1 = 10

Peter Rabbit says he can get back to his run in 3 hops! Find different ways that Peter can do this and draw them on the number lines. Can you write number sentences to match his hops?

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

How many other ways can you find? Can you find them all?

1

-5

0

2

3

4

5

6

7

8

1

10

9

-1

-4

10

10

1

10

1

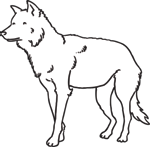
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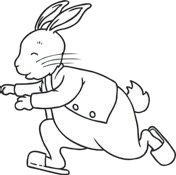
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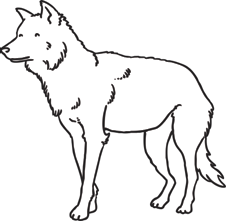
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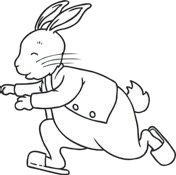
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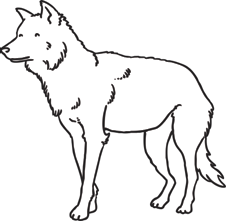


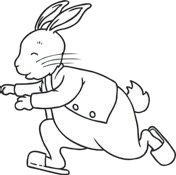


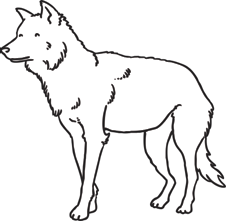


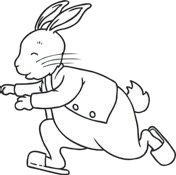


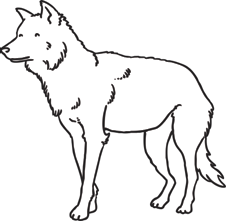


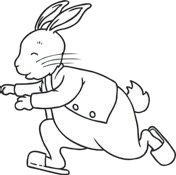


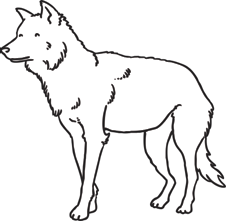












**Hops down from 10**

Example

10 - 1 - 5 - 4 = 0

Peter Rabbit wants to hop away from the wolf in 3 hops. Find different ways that Peter Rabbit can do this and draw them on the number line. Can you describe how hopping up and hopping down from 10 are related?

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

0

2

3

4

5

6

7

8

9

How many other ways can you find? Can you find them all?

5 + 3 =

8 + 3 =

6 + 6 =

4 + 5 =

4 + 7 =

7 + 6 =

8 + 4 =

9 + 6 =

3 + 9 =

2 + 10 =



0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

0

2

3

4

5

6

7

8

9

10

11

12

13

14

15

1

**Addition to 20 on a Number Line**

Example

4 + 1 =

**5**



1

10

11

12

13

14

15

5

9

0

2

3

4

6

7

8

14

1

12

13

10

15

11

15

14

12

11

13

10

1

14

13

12

11

10

15

1

15

14

13

11

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12

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14

13

12

11

10

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15

14

13

12

11

10

15

15

13

14

11

10

12

1

1

12

14

13

11

10

15

14

13

12

11

10

1

**1.**

**Addition to 20 on a Number Line - Sheet 2**

For these questions, can you work out which sums are being shown on the number lines? The first one has been done for you.

**5 + 7 = 12**

2.

+

=

0

2

3

4

5

6

7

8

9

3.

+

=

0

2

3

4

5

6

7

8

9

4.

+

=

0

2

3

4

5

6

7

8

9

5.

+

=

0

2

3

4

5

6

7

8

9

6.

+

=

0

2

3

4

5

6

7

8

9

7.

+

=

0

2

3

4

5

6

7

8

9

8.

+

=

0

2

3

4

5

6

7

8

9

9.

+

=

0

2

3

4

5

6

7

8

9

10.

+

=

0

2

3

4

5

6

7

8

9



1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

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19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10



**Addition to 20 on a Number Line - Sheet 3**

Practise what you have learnt so far on a number line to 20 and progress to see if you can draw your own number line!

1.

11 + 4 =

0

2

3

4

5

6

7

8

9

20

2.

+

=

0

2

3

4

5

6

7

8

9

20

3.

8 + 9 =

0

2

3

4

5

6

7

8

9

20

4.

6 +

= 9

0

2

3

4

5

6

7

8

9

20

5.

+

=

0

2

3

4

5

6

7

8

9

20

6.

+ 7 = 11

0

2

3

4

5

6

7

8

9

20

7.

9 + 9 =

0

2

3

4

5

6

7

8

9

20

8.

12 + 3 =

0

2

3

4

5

6

7

8

9

20

9.

7 + 9 =

0

2

3

4

5

6

7

8

9

20

10. 13 + 5 =

0

2

3

4

5

6

7

8

9

20

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

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17

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19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

**Subtraction within 20 on a Number Line**

11 - 5=

**6**

0

2

3

4

5

6

7

8

9

20

10 - 7=

0

2

3

4

5

6

7

8

9

20

8 - 4 =

0

2

3

4

5

6

7

8

9

20

9 - 5=

0

2

3

4

5

6

7

8

9

20

13 - 2 =

0

2

3

4

5

6

7

8

9

20

7 - 4 =

0

2

3

4

5

6

7

8

9

20

19 - 8 =

0

2

3

4

5

6

7

8

9

20

20 - 1 =

0

2

3

4

5

6

7

8

9

20

14 - 3 =

0

2

3

4

5

6

7

8

9

20

16 - 3 =

0

2

3

4

5

6

7

8

9

20

12 - 6 =

0

2

3

4

5

6

7

8

9

20

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

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19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

**Subtraction within 20 on a Number Line - Sheet 2**

Practise what you have learnt so far on a number line to 20 and progress to see if you can draw your own number line!

16 - 8 = 8

0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

-

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0

2

3

4

5

6

7

8

9

20

-

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0

2

3

4

5

6

7

8

9

20

-

=

0

2

3

4

5

6

7

8

9

20

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

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19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

1

19

18

17

16

15

14

13

12

11

10

**Subtraction within 20 on a Number Line - Sheet 3**

Practise what you have learnt so far on a number line to 20 and progress to see if you can draw your own number line!

8 - 3 =

0

2

3

4

5

6

7

8

9

20

7 - 5 =

0

2

3

4

5

6

7

8

9

20

9 - 8 =

0

2

3

4

5

6

7

8

9

20

8 - 6 =

0

2

3

4

5

6

7

8

9

20

10 - 4 =

0

2

3

4

5

6

7

8

9

20

11- 9 =

0

2

3

4

5

6

7

8

9

20

20 - 15 =

0

2

3

4

5

6

7

8

9

20

12 - 7 =

0

2

3

4

5

6

7

8

9

20

14 - 2 =

0

2

3

4

5

6

7

8

9

20

16 - 1 =

0

2

3

4

5

6

7

8

9

20

19-7

15-3

19+1

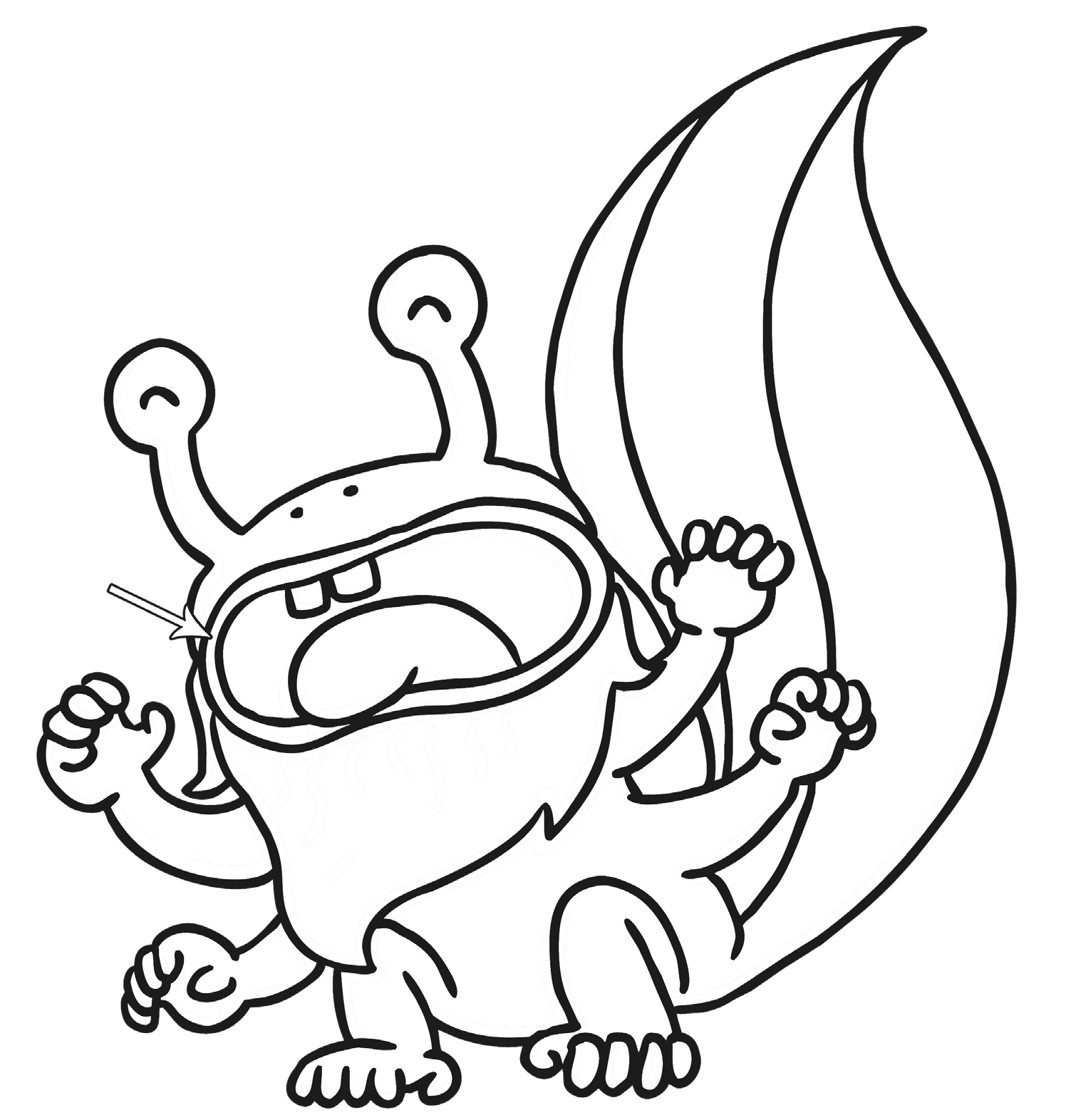
11+1

14-2

13-1

2+10

16-1



**Monsters Colour by Number Addition and Subtraction up to 20**

Solve the calculations in the picture to work out what colours they should be!

12 = Pink

15 = Green

18 = Grey

20 = Red

4+8

7+5

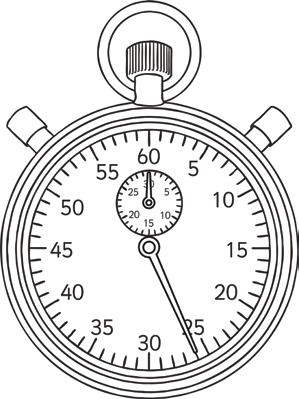
20-5

14+4

9+3

See how long it takes you to complete all of these or give yourself a set amount of time (say 5 mins) and see how many you can do.

**Addition and Subtraction Facts to 20 – Speed Test**



Correct answers:

Time:

6 + 6 =

8 - 6 =

9 - 3 =

13 - 4 =

4 - 1 =

14 + 5 =

2 + 17 =

7 - 4 =

4 + 9 =

4 - 2 =

9 - 7 =

3 + 9 =

15 - 1 =

20 - 10 =

10 - 5 =

2 + 11 =

3 + 1 =

14 - 7 =

17 + 2 =

2 + 3 =

2 + 15 =

3 - 2 =

9 + 3 =

6 + 4 =

15 - 6 =

7 - 3 =

11 + 5 =

8 - 5 =

7 + 8 =

4 + 6 =

10 + 10 =

18 - 4 =

3 + 4 =

20 - 19 =

4 + 9 =

8 - 2 =

10 + 0 =

8 + 8 =

14 + 2 =

7 - 2 =

11 + 1 =

13 - 5 =

17 - 2 =

9 - 4 =

19 + 1 =

14 - 1 =

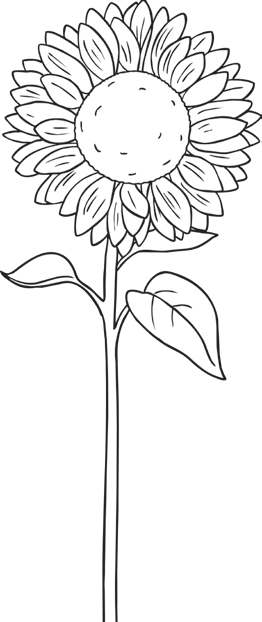
12 - 9 =

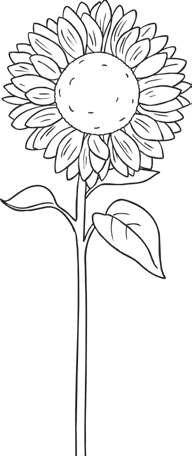
3 + 7 =

5 + 5 =

15 - 9 =

Use the appropriate number fact to ten mentally to derive the number fact to 100.





**Deriving Facts to 100**

For each of the following, complete the number fact to 10 and then derive the number fact to 100. The first one has been done for you.

**7 + 2 = 9**

**70 + 20 = 90**

4 + 6 =

40 + 60 =

5 - 3 =

50 - 30 =

10 - 7 =

100 - 70 =

5 + 4 =

50 + 40 =

9 - 8 =

90 - 80 =

50 + 50 =

60 - 40 =

10 + 80 =

90 – 60 =

20 + 80 =

40 + 40 =

7 - 4 =

70 - 40 =

**100**

3 + 6 =

30 + 60 =

8 - 3 =

80 - 30 =

9 + 1 =

90 + 10 =

3 - 2 =

30 - 20 =

10 - 5 =

100 - 50 =

**10**

40 + 30 =

80 – 30 =

20 + 60 =

50 – 40 =

80 – 70 =

70 – 20 =

**Adding 2-Digit Numbers and Ones Crossing 10**

1. 5 + 6 =

15 + 6 =

45 + 6 =

65 + 6 =

2. 8 + 3 =

18 + 3 =

38 + 3 =

78 + 3 =

3. 6 + 8 =

16 + 8 =

46 + 8 =

96 + 8 =

4. 7 + 5 =

17 + 5 =

67 + 5 =

87 + 5 =

5. 5 + 9 =

15 + 9 =

55 + 9 =

85 + 9 =

6. 6 + 7 =

16 + 7 =

46 + 7 =

76 + 7 =

7. 9 + 3 =

19 + 3 =

59 + 3 =

99 + 3 =

8. 4 + 9 =

14 + 9 =

54 + 9 =

74 + 9 =

9. 7 + 8 =

17 + 8 =

57 + 8 =

97 + 8 =

10. 5 + 8 =

15 + 8 =

65 + 8 =

85 + 8 =

**Adding 2-Digit Numbers and Ones Crossing 10**

7 + 4 =

17 + 4 =

47 + 4 =

67 + 4 =

8 + 6 =

18 + 6 =

28 + 6 =

68 + 6 =

6 + 8 =

16 + 8 =

56 + 8 =

86 + 8 =

7 + 6 =

17 + 6 =

47 + 6 =

67 + 6 =

12 + 2 =

22 + 2 =

62 + 2 =

92 + 2 =

9 + 7 =

19 + 7 =

39 + 7 =

99 + 7 =

11 + 3 =

19 + 3 =

59 + 3 =

99 + 3 =

4 + 8 =

14 + 8 =

44 + 8 =

64 + 8 =

9 + 8 =

19 + 8 =

49 + 8 =

79 + 8 =

5 + 8 =

15 + 8 =

65 + 8 =

85 + 8 =

**Subtracting Numbers and Ones from 2-Digit Numbers, Crossing 10**

7 - 4 =

17 – 4 =

27 – 4 =

37 – 4 =

8 – 1 =

18 – 1 =

28 – 1 =

38 – 1 =

8 – 3 =

18 – 3 =

48 – 3 =

58 – 3 =

9 - 2 =

19 – 2 =

49 – 2 =

69 – 2 =

12 – 5 =

22 – 5 =

32 – 5 =

72 – 5 =

18 – 5 =

28 – 5 =

38 – 5 =

98 – 5 =

20 – 5 =

40 – 5 =

70 – 5 =

80 - 5 =

13 – 7 =

23 – 7 =

43 – 7 =

73 – 7 =

16 – 3 =

26 – 3 =

56 – 3 =

76 – 3 =

12 – 3 =

22 – 3 =

72 – 3 =

82 – 3 =

**Subtracting Numbers and Ones from 2-Digit Numbers, Crossing 10**

15 - 6 =

25 – 6 =

45 – 6 =

95 – 6 =

21 – 4 =

31 – 4 =

41 – 4 =

61 – 4 =

11 – 7 =

21 – 7 =

51 – 7 =

91 – 7 =

12 - 5 =

22 – 5 =

62 – 5 =

82 – 5 =

12 – 6 =

22 – 6 =

42 – 6 =

62 – 6 =

18 – 9 =

28 – 9 =

38 – 9 =

78 – 9 =

20 – 7 =

30 – 7 =

40 – 7 =

80 - 7 =

13 – 8 =

23 – 8 =

33 – 8 =

53 – 8 =

16 – 9 =

26 – 9 =

46 – 9 =

86 – 9 =

12 – 7 =

32 – 7 =

52 – 7 =

72 – 7 =

**Adding 2-Digit Numbers and Tens, Not Crossing 100**

1. 30 + 10 =

35 + 10 =

37 + 10 =

38 + 10 =

2. 20 + 30 =

25 + 30 =

26 + 30 =

29 + 30 =

3. 10 + 20 =

16 + 20 =

17 + 20 =

19 + 20 =

4. 40 + 50 =

43 + 50 =

44 + 50 =

48 + 50 =

5. 50 + 30 =

54 + 30 =

55 + 30 =

58 + 30 =

6. 20 + 60 =

25 + 60 =

27 + 60 =

28 + 60 =

7. 60 + 20 =

61 + 20 =

64 + 20 =

68 + 20 =

8. 70 + 20 =

72 + 20 =

74 + 20 =

78 + 20 =

+ 40 = 70

+ 40 = 71

+ 40 = 74

+ 40 = 77

+ 60 = 90

+ 60 = 93

+ 60 = 96

+ 60 = 99

**Adding 2-Digit Numbers and Tens, Not Crossing 100**

1)

30

2)

20

3)

53

4)

30

+ 54

+ 78

+ 40

+ 45

5)

16

6)

23

7)

12

8)

55

+ 40

+ 30

+ 70

+ 20

9)

13

10)

56

11)

10

12)

80

+ 10

+ 10

+ 18

+ 18

13)

50

14)

90

15)

70

16)

16

+ 32

+ 5

+ 15

+ 20

17)

27

18)

35

19)

24

20)

12

+ 50

+ 30

+ 10

+ 60

21)

14

22)

24

23)

40

24)

42

+ 70

+ 20

+ 24

+ 30

**Subtracting Tens from 2-Digit Numbers, Not Crossing 100**

20 – 10 =

30 – 10 =

60 – 10 =

70 – 10 =

21 – 20 =

41 – 20 =

51 – 20 =

71 – 20 =

37 – 10 =

57 – 10 =

87 – 10 =

97 – 10 =

39 - 30 =

59 - 30 =

79 - 30 =

89 - 30 =

43 – 40 =

53 – 40 =

73 – 40 =

93 – 40 =

62 – 60 =

72 – 60 =

82 – 60 =

92 – 60 =

25 – 20 =

35 – 20 =

45 – 20 =

85 – 20 =

59 – 50 =

69 – 50 =

79 – 50 =

99 – 50 =

– 10 = 7

– 10 = 27

– 10 = 37

– 10 = 77

– 40 = 11

– 40 = 21

– 40 = 31

– 40 = 51

**Adding Two 2-Digit Numbers Beyond 100 Worksheet 1**

1)

61

2)

95

3)

75

4)

47

+ 72

+ 64

+ 78

+ 83

5)

29

6)

74

7)

56

8)

38

+ 86

+ 93

+ 87

+ 45

9)

38

10)

66

11)

87

12)

92

+ 88

+ 57

+ 56

+ 93

13)

62

14)

74

15)

83

+ 79

+ 76

+ 74

16)

70

17)

38

18)

93

+ 65

+ 72

+ 87

19)

65

20)

88

21)

67

+ 93

+ 86

+ 74

**Adding Two 2-Digit Numbers Beyond 100 Worksheet 2**

1)

45

2)

63

3)

33

4)

32

+ 85

+ 73

+ 72

+ 69

5)

49

6)

57

7)

83

8)

72

+ 92

+ 65

+ 89

+ 70

9)

18

10)

77

11)

69

12)

71

+ 87

+ 66

+ 78

+ 92

13)

39

14)

79

15)

58

+ 86

+ 69

+ 78

16)

93

17)

85

18)

56

+ 96

+ 82

+ 99

19)

78

20)

68

21)

83

+ 71

+ 56

+ 76

**Adding Two 2-Digit Numbers Beyond 100 Worksheet 3**

1)

57

2)

38

3)

26

4)

56

+ 64

+ 97

+ 87

+ 54

5)

98

6)

72

7)

82

8)

92

+ 56

+ 87

+ 54

+ 61

9)

78

10)

51

11)

94

12)

73

+ 79

+ 76

+ 64

+ 96

13)

26

14)

84

15)

52

+ 76

+ 79

+ 69

16)

73

17)

46

18)

91

+ 93

+ 72

+ 67

19)

77

20)

22

21)

64

+ 27

+ 95

+ 47

**Subtracting Tens and Ones from 2-Digit Numbers, Not Crossing 100**

1)

50

2)

80

3)

70

4)

94

- 25

- 42

- 36

- 50

5)

60

6)

40

7)

59

8)

90

- 31

- 31

- 40

- 81

9)

50

10)

85

11)

72

12)

46

- 27

- 60

- 50

- 20

13)

60

14)

91

15)

40

16)

59

- 28

- 20

- 19

- 2

17)

80

18)

59

19)

45

20)

55

- 19

- 50

- 40

- 30

21)

90

22)

62

23)

77

24)

88

- 72

- 20

- 30

- 40

**Subtracting Tens and Ones from 2-Digit Numbers, Not Crossing 100**

1)

65

2)

74

3)

84

4)

41

- 56

- 46

- 57

- 32

5)

65

6)

82

7)

92

8)

75

- 36

- 17

- 63

- 38

9)

75

10) 61

- 54

11) 43

- 29

12) 56

- 37

- 38

13) 85

- 39

14) 38

- 27

15) 42

- 26

16) 65

- 48

17) 58

- 49

18) 87

- 35

19) 67

- 49

20) 88

- 34

21) 64

- 38

**Subtracting Tens and Ones from 3-Digit Numbers, Not Crossing 100**

1)

100

2)

108

3)

112

4)

116

- 40

- 64

60

- 82

5)

130

6)

101

7)

170

8)

165

- 56

- 70

- 71

- 80

9)

128

10)

149

11)

130

12)

102

- 70

- 70

68

- 80

13)

125

14)

130

15)

138

16)

105

- 90

- 69

- 70

- 70

17)

109

18)

140

19)

132

20)

119

- 50

- 99

- 30

- 54

21)

154

- 30

**Subtracting Tens and Ones from 3-Digit Numbers,**

**Crossing 100**

1)

153

2)

185

3)

167

4)

184

- 84

- 83

- 56

- 32

5)

149

6)

148

7)

134

8)

187

- 37

- 84

- 63

- 99

9)

190

10)

198

11)

175

12)

138

- 76

- 23

- 99

- 62

13)

170

14)

174

15)

154

16)

186

- 90

- 75

- 36

- 84

17)

191

18)

145

19)

131

20)

128

- 36

- 64

- 57

- 57

21)

198

- 32

**Challenge:** Can you use number bonds to 10 to make sets of 4 one-digit numbers that total 20? How many different sets can you make?

**Adding Three One-Digit Numbers to 10**

Circle the pairs of numbers that add up to 10, then add the third number to make the total.

4 + 6 + 3 =

5 + 5 + 6 =

7 + 3 + 4 =

8 + 2 + 9 =

1 + 9 + 7 =

7 + 2 + 3 =

6 + 3 + 4 =

3 + 8 + 7 =

5 + 3 + 5 =

2 + 9 + 8 =

5 + 8 + 5 =

5 + 7 + 3 =

4 + 8 + 2 =

9 + 5 + 1 =

8 + 2 + 7 =

7 + 7 + 3 =

4 + 8 + 2 =

5 + 5 + 5 =

3 + 3 + 7 =

8 + 8 + 2 =

6 + 4 + 6 =

5 + 2 + 5 =

1 + 1 + 9 =

7 + 8 + 3 =

5 + 7 + 5 =

6 + 4 + 9 =

7 + 2 + 3 =

6 + 3 + 7 =

7 + 6 + 4 =

9 + 2 + 8 =

**Adding Three One-Digit Numbers - Which 3 Numbers?**

Choose 3 numbers which add to the total given. Write as a calculation.

Challenge: using just the numbers 1, 2, 3, 4 and 5, find as many ways as

possible of adding 3 numbers to make 8, 10 and 12.

Which 3 numbers add to 15?

4 5 7 6 1

+ + = 15

Which 3 numbers add to 20?

6 5 9 2 6

+ + = 20

Which 3 numbers add to 23?

4 6 8 5 9

+ + = 23

Which 3 numbers add to 18?

9 1 4 5 8

+ + = 18

Which 3 numbers add to 7?

4 6 2 3 1

+ + = 7

Which 3 numbers add to 8?

2 3 5 5 1

+ + = 8

Which 3 numbers add to 16?

3 7 8 1 2

+ + = 16

Which 3 numbers add to 13?

3 5 7 9 5

+ + = 13

Which 3 numbers add to 19?

4 6 8 5 9

+ + = 19

Which 3 numbers add to 20?

8 4 5 6 8

+ + = 20

Which 3 numbers add to 11?

3 4 2 5 1

+ + = 11

Which 3 numbers add to 24?

8 7 6 9 5

+ + = 24

Which 3 numbers add to 12?

3 2 4 5 1

+ + = 12

Which 3 numbers add to 22?

7 8 2 9 5

+ + = 22

Which 3 numbers add to 15?

4 2 6 3 5

+ + = 15

Which 3 numbers add to 10?

2 3 4 1 3

+ + = 10

Which 3 numbers add to 17?

6 5 8 2 4

+ + = 17

Which 3 numbers add to 20?

6 7 3 4 9

+ + = 20

Which 3 numbers add to 14?

3 5 7 8 4

+ + = 14

Which 3 numbers add to 9?

4 3 5 4 1

+ + = 9

Which 3 numbers add to 12?

3 8 1 2 5

+ + = 12





**Addition Can Be Done In Any Order - Subtraction Can't!**

Numbers can be added in any order and the answer will stay the same.

Example:

2 +

5 +

3

=

10

5 +

3 +

2

=

10

The total is the same! Use this to help you answer the questions below.

1.

4 + 3 = 7

3 + 4 =

9 + 2 = 11

2 + 9 =

6 + 4 + 7 = 17

4 + 7 + 6 =

19 + 10 = 29

10 + 19 =

18 + 15 = 33

15 + 18 =

6.

2 + 7 = 9

7 +

= 9

2.

7.

7 + 3 + 6 = 16

3 +

+ 6 = 16

3.

8.

4 + 5 + 6 + 5 = 20

6 +

+

+

= 20

4.

9.

23 + 20 = 43

20 +

=

5.

10.

27 + 24 = 51

24 +

=

**Correct?**

**Correct?**

1.

7 – 4 = 3

6.

12 – 5 = 7

4 – 7 = 3

5 – 12 = 7

2.

8 – 13 = 5

7.

30 – 18 = 12

13 – 8 = 5

18 – 30 = 12

3.

10 – 17 = 7

8.

30 – 40 = 10

17 – 10 = 7

40 – 30 = 10

4.

1 – 99 = 98

9.

8 – 4 – 2 = 2

99 – 1 = 98

4 – 8 – 2 = 2

5.

21 – 18 = 3

10.

43 – 17 = 26

18 – 21 = 3

17 – 43 = 26



**Number Family**

4

3

2

**+**

**+**

**-**

**-**

6

**=**

**=**

**=**

**=**

2

**+**

**+**

**-**

**-**

5

**=**

**=**

**=**

**=**

7

3

4

3

8

5

**+**

**+**

**-**

**-**

**=**

**=**

**=**

**=**

**+**

**+**

**-**

**-**

**=**

**=**

**=**

**=**



**Number Family**

3

8

7

**+**

**+**

**-**

**-**

4

**=**

**=**

**=**

**=**

1

**+**

**+**

**-**

**-**

7

**=**

**=**

**=**

**=**

7

3

2

9

2

5

**+**

**+**

**-**

**-**

**=**

**=**

**=**

**=**

**+**

**+**

**-**

**-**

**=**

**=**

**=**

**=**



**Number Family**

3

4

9

**+**

**+**

**-**

**-**

6

**=**

**=**

**=**

**=**

5

**+**

**+**

**-**

**-**

9

**=**

**=**

**=**

**=**

1

2

3

4

6

8

**+**

**+**

**-**

**-**

**=**

**=**

**=**

**=**

**+**

**+**

**-**

**-**

**=**

**=**

**=**

**=**



**Number Family**

7

12

10

**+**

**+**

**+**

**+**

9

**+**

**+**

**+**

**+**

3

**=**

**=**

**=**

**=**

3

**=**

**=**

**=**

**=**

8

2

11

10

2

9

**+**

**+**

**+**

**+**

**=**

**=**

**=**

**=**

**+**

**+**

**+**

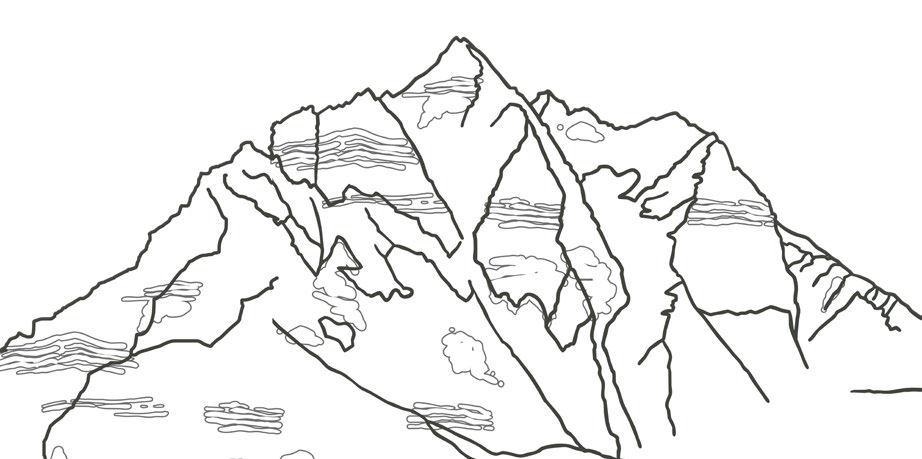
**+**

**=**

**=**

**=**

**=**



**Correct!**

**Using Inverse Operations to Check**

**51**

For each of these addition calculations, work out the answer to the inverse operation, to check whether each answer is right or wrong.

37 + 7 = 43

43 - 7 =

25 + 8 = 33

33 - 8 =

47 + 5 = 52

52 - 5 =

34 + 6 = 40

40 - 34 =

76 + 8 = 85

85 - 76 =

26 + 8 = 44

44 - 8 =

17 + 9 = 25

25 - 9 =

22 + 9 = 30

30 - 22 =

19 + 9 = 28

28 - 9 =

46 + 7 = 53

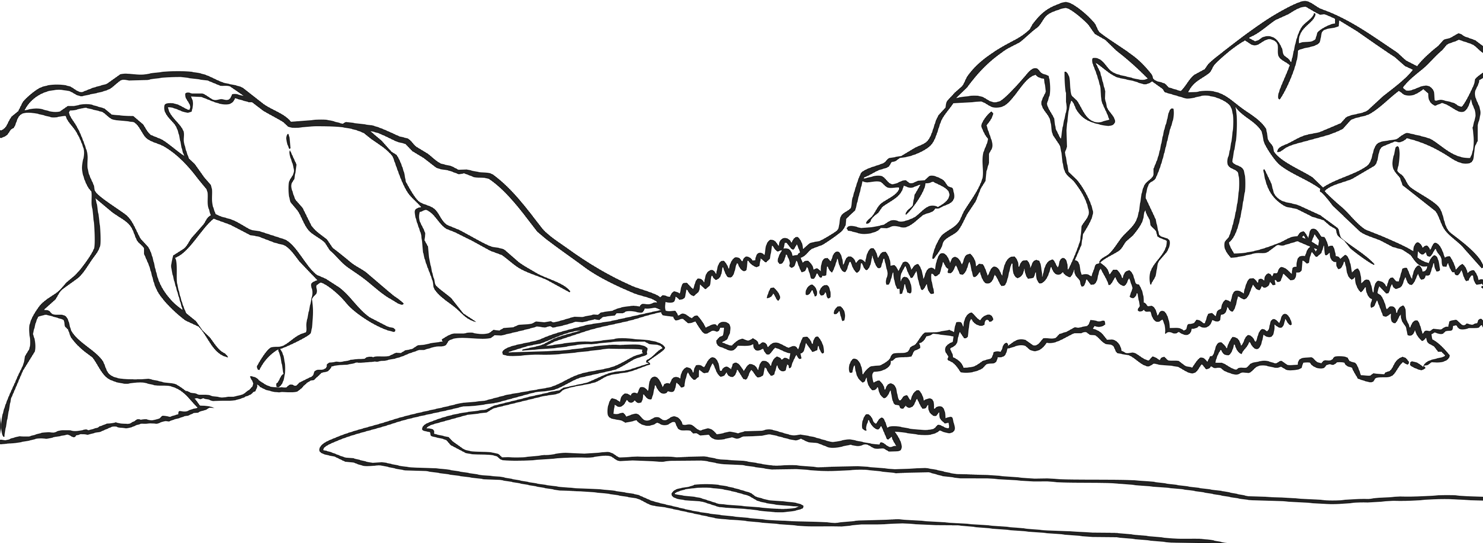
53 - 46 =

51 - 6 = 45

45 + 6 = 51

**Correct?**

**Correct?**



For each of these subtraction calculations, work out the answer to the inverse operation, to check whether each answer is right or wrong.

31 - 7 = 24

**24**

**Correct!**

45 – 6 = 39

39 + 6 =

37 – 9 = 26

26 + 9 =

31 – 3 = 28

28 + 3 =

42 – 6 = 38

38 + 6 =

62 – 7 = 54

54 + 7 =

22 – 4 = 19

19 + 4 =

15 – 8 = 10

10 + 8 =

34 – 7 = 26

26 + 7 =

51 – 6 = 45

45 + 6 =

17 – 9 = 8

9 + 8 =

24 + 7 = 31

**Correct?**

**Correct?**