

Number Bonds Challenges

Number Bonds Challenge 1

$1 + 4 =$	$0 + 5 =$	$3 + 2 =$
$3 + 3 =$	$2 + 4 =$	$3 + 3 =$
$4 + 1 =$	$1 + 4 =$	$4 + 2 =$
$6 + 0 =$	$5 + 1 =$	$5 + 0 =$
$2 + 4 =$	$4 + 2 =$	$2 + 4 =$
$3 + 2 =$	$0 + 5 =$	$3 + 3 =$
$5 + 1 =$	$6 + 0 =$	$1 + 5 =$
$0 + 6 =$	$2 + 4 =$	$6 + 0 =$
$3 + 3 =$	$5 + 1 =$	$4 + 1 =$
$2 + 3 =$	$3 + 2 =$	$0 + 5 =$
$3 + 2 =$	$4 + 1 =$	$5 + 1 =$
$1 + 5 =$	$0 + 5 =$	$2 + 4 =$
$3 + 3 =$	$2 + 3 =$	
$4 + 2 =$	$1 + 4 =$	

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Number Bonds Challenge 1

$1 + 4 =$	$0 + 5 =$	$3 + 2 =$
$3 + 3 =$	$2 + 4 =$	$3 + 3 =$
$4 + 1 =$	$1 + 4 =$	$4 + 2 =$
$6 + 0 =$	$5 + 1 =$	$5 + 0 =$
$2 + 4 =$	$4 + 2 =$	$2 + 4 =$
$3 + 2 =$	$0 + 5 =$	$3 + 3 =$
$5 + 1 =$	$6 + 0 =$	$1 + 5 =$
$0 + 6 =$	$2 + 4 =$	$6 + 0 =$
$3 + 3 =$	$5 + 1 =$	$4 + 1 =$
$2 + 3 =$	$3 + 2 =$	$0 + 5 =$
$3 + 2 =$	$4 + 1 =$	$5 + 1 =$
$1 + 5 =$	$0 + 5 =$	$2 + 4 =$
$3 + 3 =$	$2 + 3 =$	
$4 + 2 =$	$1 + 4 =$	

Number Bonds Challenges

Number Bonds Challenge 2

$4 + 5 =$	$1 + 6 =$	$2 + 6 =$
$3 + 4 =$	$5 + 4 =$	$7 + 1 =$
$1 + 7 =$	$2 + 5 =$	$2 + 5 =$
$5 + 3 =$	$3 + 6 =$	$3 + 6 =$
$7 + 2 =$	$0 + 7 =$	$7 + 2 =$
$1 + 8 =$	$6 + 3 =$	$1 + 8 =$
$0 + 7 =$	$1 + 7 =$	$0 + 7 =$
$4 + 4 =$	$5 + 4 =$	$4 + 5 =$
$2 + 5 =$	$9 + 0 =$	$6 + 2 =$
$9 + 0 =$	$3 + 6 =$	$3 + 4 =$
$4 + 3 =$	$2 + 5 =$	$9 + 0 =$
$8 + 0 =$	$6 + 1 =$	$5 + 3 =$
$5 + 2 =$	$1 + 8 =$	
$4 + 4 =$	$8 + 0 =$	

Number Bonds Challenges

Number Bonds Challenge 2

$4 + 5 =$	$1 + 6 =$	$2 + 6 =$
$3 + 4 =$	$5 + 4 =$	$7 + 1 =$
$1 + 7 =$	$2 + 5 =$	$2 + 5 =$
$5 + 3 =$	$3 + 6 =$	$3 + 6 =$
$7 + 2 =$	$0 + 7 =$	$7 + 2 =$
$1 + 8 =$	$6 + 3 =$	$1 + 8 =$
$0 + 7 =$	$1 + 7 =$	$0 + 7 =$
$4 + 4 =$	$5 + 4 =$	$4 + 5 =$
$2 + 5 =$	$9 + 0 =$	$6 + 2 =$
$9 + 0 =$	$3 + 6 =$	$3 + 4 =$
$4 + 3 =$	$2 + 5 =$	$9 + 0 =$
$8 + 0 =$	$6 + 1 =$	$5 + 3 =$
$5 + 2 =$	$1 + 8 =$	
$4 + 4 =$	$8 + 0 =$	

Number Bonds Challenges

Number Bonds Challenge 3

$10 + 10 =$	$12 + 8 =$	$16 + 4 =$
$5 + 15 =$	$9 + 10 =$	$3 + 17 =$
$0 + 20 =$	$7 + 13 =$	$12 + 7 =$
$9 + 10 =$	$19 + 1 =$	$4 + 15 =$
$4 + 16 =$	$6 + 13 =$	$11 + 9 =$
$18 + 2 =$	$2 + 18 =$	$2 + 17 =$
$1 + 18 =$	$13 + 6 =$	$10 + 9 =$
$14 + 6 =$	$20 + 0 =$	$8 + 12 =$
$11 + 8 =$	$15 + 4 =$	$17 + 3 =$
$7 + 12 =$	$13 + 7 =$	$5 + 14 =$
$6 + 14 =$	$14 + 5 =$	$16 + 3 =$
$8 + 11 =$	$18 + 2 =$	$1 + 19 =$
$3 + 16 =$	$9 + 11 =$	
$10 + 10 =$	$15 + 5 =$	

Number Bonds Challenges

Number Bonds Challenge 3

$10 + 10 =$	$12 + 8 =$	$16 + 4 =$
$5 + 15 =$	$9 + 10 =$	$3 + 17 =$
$0 + 20 =$	$7 + 13 =$	$12 + 7 =$
$9 + 10 =$	$19 + 1 =$	$4 + 15 =$
$4 + 16 =$	$6 + 13 =$	$11 + 9 =$
$18 + 2 =$	$2 + 18 =$	$2 + 17 =$
$1 + 18 =$	$13 + 6 =$	$10 + 9 =$
$14 + 6 =$	$20 + 0 =$	$8 + 12 =$
$11 + 8 =$	$15 + 4 =$	$17 + 3 =$
$7 + 12 =$	$13 + 7 =$	$5 + 14 =$
$6 + 14 =$	$14 + 5 =$	$16 + 3 =$
$8 + 11 =$	$18 + 2 =$	$1 + 19 =$
$3 + 16 =$	$9 + 11 =$	
$10 + 10 =$	$15 + 5 =$	

Number Bonds Challenges

Number Bonds Challenge 4

$4 + 6 =$	$2 + 18 =$	$50 + 50 =$
$1 + 9 =$	$70 + 30 =$	$80 + 20 =$
$30 + 70 =$	$14 + 6 =$	$2 + 8 =$
$5 + 15 =$	$5 + 5 =$	$17 + 3 =$
$80 + 20 =$	$17 + 3 =$	$40 + 60 =$
$2 + 8 =$	$11 + 9 =$	$100 + 0 =$
$13 + 7 =$	$90 + 10 =$	$3 + 7 =$
$10 + 90 =$	$6 + 4 =$	$1 + 9 =$
$16 + 4 =$	$70 + 30 =$	$70 + 30 =$
$7 + 13 =$	$1 + 9 =$	$18 + 2 =$
$10 + 10 =$	$14 + 6 =$	$5 + 15 =$
$1 + 9 =$	$0 + 20 =$	$10 + 0 =$
$8 + 2 =$	$2 + 18 =$	
$50 + 50 =$	$7 + 3 =$	

Number Bonds Challenges

Number Bonds Challenge 4

$4 + 6 =$	$2 + 18 =$	$50 + 50 =$
$1 + 9 =$	$70 + 30 =$	$80 + 20 =$
$30 + 70 =$	$14 + 6 =$	$2 + 8 =$
$5 + 15 =$	$5 + 5 =$	$17 + 3 =$
$80 + 20 =$	$17 + 3 =$	$40 + 60 =$
$2 + 8 =$	$11 + 9 =$	$100 + 0 =$
$13 + 7 =$	$90 + 10 =$	$3 + 7 =$
$10 + 90 =$	$6 + 4 =$	$1 + 9 =$
$16 + 4 =$	$70 + 30 =$	$70 + 30 =$
$7 + 13 =$	$1 + 9 =$	$18 + 2 =$
$10 + 10 =$	$14 + 6 =$	$5 + 15 =$
$1 + 9 =$	$0 + 20 =$	$10 + 0 =$
$8 + 2 =$	$2 + 18 =$	
$50 + 50 =$	$7 + 3 =$	

Number Bonds Challenges Answers

Number Bonds Challenge 1

$1 + 4 = 5$	$0 + 5 = 5$	$3 + 2 = 5$
$3 + 3 = 6$	$2 + 4 = 6$	$3 + 3 = 6$
$4 + 1 = 5$	$1 + 4 = 5$	$4 + 2 = 6$
$6 + 0 = 6$	$5 + 1 = 6$	$5 + 0 = 5$
$2 + 4 = 6$	$4 + 2 = 6$	$2 + 4 = 6$
$3 + 2 = 5$	$0 + 5 = 5$	$3 + 3 = 6$
$5 + 1 = 6$	$6 + 0 = 6$	$1 + 5 = 6$
$0 + 6 = 6$	$2 + 4 = 6$	$6 + 0 = 6$
$3 + 3 = 6$	$5 + 1 = 6$	$4 + 1 = 5$
$2 + 3 = 5$	$3 + 2 = 5$	$0 + 5 = 5$
$3 + 2 = 5$	$4 + 1 = 5$	$5 + 1 = 6$
$1 + 5 = 6$	$0 + 5 = 5$	$2 + 4 = 6$
$3 + 3 = 6$	$2 + 3 = 5$	
$4 + 2 = 6$	$1 + 4 = 5$	

Number Bonds Challenge 2

$4 + 5 = 9$	$1 + 6 = 7$	$2 + 6 = 8$
$3 + 4 = 7$	$5 + 4 = 9$	$7 + 1 = 8$
$1 + 7 = 8$	$2 + 5 = 7$	$2 + 5 = 7$
$5 + 3 = 8$	$3 + 6 = 9$	$3 + 6 = 9$
$7 + 2 = 9$	$0 + 7 = 7$	$7 + 2 = 9$
$1 + 8 = 9$	$6 + 3 = 9$	$1 + 8 = 9$
$0 + 7 = 7$	$1 + 7 = 8$	$0 + 7 = 7$
$4 + 4 = 8$	$5 + 4 = 9$	$4 + 5 = 9$
$2 + 5 = 7$	$9 + 0 = 9$	$6 + 2 = 8$
$9 + 0 = 9$	$3 + 6 = 9$	$3 + 4 = 7$
$4 + 3 = 7$	$2 + 5 = 7$	$9 + 0 = 9$
$8 + 0 = 8$	$6 + 1 = 7$	$5 + 3 = 8$
$5 + 2 = 7$	$1 + 8 = 9$	
$4 + 4 = 8$	$8 + 0 = 8$	

Number Bonds Challenges Answers

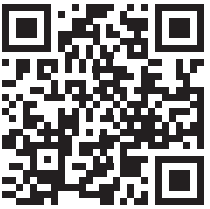
Number Bonds Challenge 3

$10 + 10 = 20$	$12 + 8 = 20$	$16 + 4 = 20$
$5 + 15 = 20$	$9 + 10 = 19$	$3 + 17 = 20$
$0 + 20 = 20$	$7 + 13 = 20$	$12 + 7 = 19$
$9 + 10 = 19$	$19 + 1 = 20$	$4 + 15 = 19$
$4 + 16 = 20$	$6 + 13 = 19$	$11 + 9 = 20$
$18 + 2 = 20$	$2 + 18 = 20$	$2 + 17 = 19$
$1 + 18 = 19$	$13 + 6 = 19$	$10 + 9 = 19$
$14 + 6 = 20$	$20 + 0 = 20$	$8 + 12 = 20$
$11 + 8 = 19$	$15 + 4 = 19$	$17 + 3 = 20$
$7 + 12 = 19$	$13 + 7 = 20$	$5 + 14 = 19$
$6 + 14 = 20$	$14 + 5 = 19$	$16 + 3 = 19$
$8 + 11 = 19$	$18 + 2 = 20$	$1 + 19 = 20$
$3 + 16 = 19$	$9 + 11 = 20$	
$10 + 10 = 20$	$15 + 5 = 20$	

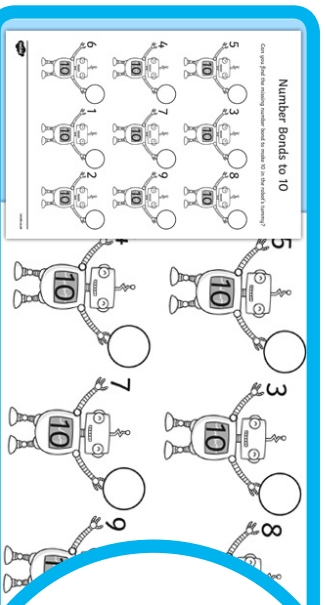
Number Bonds Challenge 4

$4 + 6 = 10$	$2 + 18 = 20$	$50 + 50 = 100$
$1 + 9 = 10$	$70 + 30 = 100$	$80 + 20 = 100$
$30 + 70 = 100$	$14 + 6 = 20$	$2 + 8 = 10$
$5 + 15 = 20$	$5 + 5 = 10$	$17 + 3 = 20$
$80 + 20 = 100$	$17 + 3 = 20$	$40 + 60 = 100$
$2 + 8 = 10$	$11 + 9 = 20$	$100 + 0 = 100$
$13 + 7 = 20$	$90 + 10 = 100$	$3 + 7 = 10$
$10 + 90 = 100$	$6 + 4 = 10$	$1 + 9 = 10$
$16 + 4 = 20$	$70 + 30 = 100$	$70 + 30 = 100$
$7 + 13 = 20$	$1 + 9 = 10$	$18 + 2 = 20$
$10 + 10 = 20$	$14 + 6 = 20$	$5 + 15 = 20$
$1 + 9 = 10$	$0 + 20 = 20$	$10 + 0 = 10$
$8 + 2 = 10$	$2 + 18 = 20$	
$50 + 50 = 100$	$7 + 3 = 10$	

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Easy Challenge
Blank 10 by 10
Number Square

Extra Challenge
Sequence Snakes!
Worksheets

A worksheet titled 'Ultimate Challenge' with a grid of boxes for numbers. The grid is organized into columns for '100s', '20s', and '10s'. Each column has a '100' box at the top, followed by '20' boxes, and '10' boxes. The '100s' column contains numbers 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000. The '20s' column contains numbers 20, 40, 60, 80, 100, 120, 140, 160, 180, 200. The '10s' column contains numbers 10, 20, 30, 40, 50, 60, 70, 80, 90, 100. The title 'Ultimate Challenge' is at the top left, and 'Ink saving Eco' is at the bottom right.

Support
Number Shape
Addition to 20

A worksheet titled '0-20 number line' with three horizontal number lines. The first line is labeled '0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20'. The second line is labeled '0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20'. The third line is labeled '0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20'. The title '0-20 number line' is at the top right, and 'Ink saving' is at the bottom right.

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