

Number Bonds Challenges

Number Bonds Challenge 1

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

Number Bonds Challenges

Number Bonds Challenge 1

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

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

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

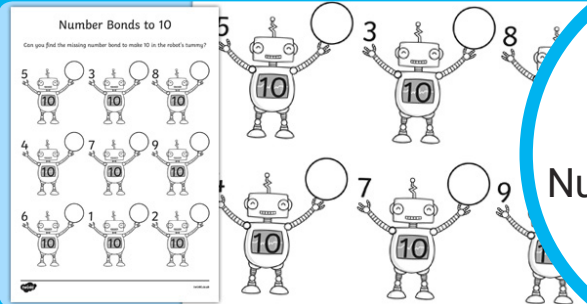
Number Bonds Challenge 4

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

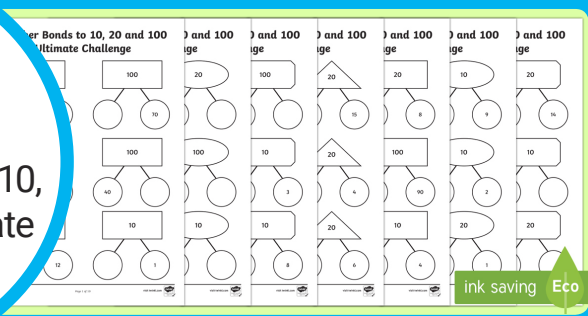
If you enjoyed this resource, why not try...



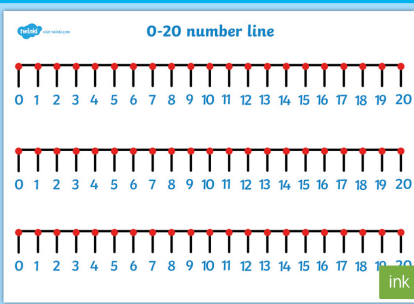
Scan this QR code using your mobile phone or tablet to watch a 60 second video explaining how to use this resource.



Easy Challenge
Number Bonds to 10 on Robots



Extra Challenge
Number Bonds to 10, 20 and 100 Ultimate Challenge



Support
Number Line
Numbers 0 to 20

If you need us, just get in touch - contact twinklcares@twinkl.co.uk