

Challenge 3 - Related subtraction facts

Number Bonds

$0+10=10$

$1+9=10$

$2+8=10$

$3+7=10$

$4+6=10$

$5+5=10$

$6+4=10$

$7+3=10$

$8+2=10$

$9+1=10$

$10+0=10$

Number Bonds to 20

There are 21 ways to make 20.

$0+20 = 20$

$20+0 = 20$

$1+19 = 20$

$19+1 = 20$

$2+18 = 20$

$18+2 = 20$

$3+17 = 20$

$17+3 = 20$

$4+16 = 20$

$16+4 = 20$

$5+15 = 20$

$15+5 = 20$

$6+14 = 20$

$14+6 = 20$

$7+13 = 20$

$13+7 = 20$

$8+12 = 20$

$12+8 = 20$

$9+11 = 20$

$11+9 = 20$

$10+10 = 20$

Number bonds to 10:

Cut out the calculations and match the number bonds to the related subtraction facts.

$0 + 10 = 10$

$10 + 0 = 10$

$10 - 0 = 10$

$10 - 10 = 0$

$1 + 9 = 10$

$9 + 1 = 10$

$10 - 1 = 9$

$10 - 9 = 1$

$2 + 8 = 10$

$8 + 2 = 10$

$10 - 2 = 8$

$10 - 8 = 2$

$3 + 7 = 10$

$7 + 3 = 10$

$10 - 3 = 7$

$10 - 7 = 3$

$4 + 6 = 10$

$6 + 4 = 10$

$10 - 4 = 6$

$10 - 6 = 4$

$5 + 5 = 10$

$10 - 5 = 5$

Number bonds to 20:

Cut out the calculations and match the number bonds to the related subtraction facts

$0 + 20 = 20$ $20 + 0 = 20$	$20 - 0 = 20$	$20 - 20 = 0$
$1 + 19 = 20$ $19 + 1 = 20$	$20 - 1 = 19$	$20 - 19 = 1$
$2 + 18 = 20$ $18 + 2 = 20$	$20 - 2 = 18$	$20 - 18 = 2$
$3 + 17 = 20$ $17 + 3 = 20$	$20 - 3 = 17$	$20 - 17 = 3$
$4 + 16 = 20$ $16 + 4 = 20$	$20 - 4 = 16$	$20 - 16 = 4$
$5 + 15 = 20$ $15 + 5 = 20$	$20 - 5 = 15$	$20 - 15 = 5$
$6 + 14 = 20$ $14 + 6 = 20$	$20 - 6 = 14$	$20 - 14 = 6$

$$7 + 13 = 20$$

$$13 + 7 = 20$$

$$20 - 7 = 13$$

$$20 - 13 = 7$$

$$8 + 12 = 20$$

$$12 + 8 = 20$$

$$20 - 8 = 12$$

$$20 - 12 = 8$$

$$9 + 11 = 20$$

$$11 + 9 = 20$$

$$20 - 9 = 11$$

$$20 - 11 = 9$$

$$10 + 10 = 20$$

$$20 - 10 = 10$$

Can you spot any patterns?