



Number Bonds – Card Games

1.0 Number Bonds Pairs

Materials you need...

- Number Cards x2

For the following number bonds you play with...

Bonds of 5.. use numbers 0-5

Bonds of 10... use numbers 0-10

Bonds of 100... use numbers 00-100

Shuffle the cards and place face down. Take turns to turnover a card, say which number would make the bond you're looking at with the card you have turned over... then turn another card over. You are trying to find two numbers that add up to make the number you are finding.

The winner is who found the most bonds.

2.0 Missing Number Pairs

Materials you need...

- Missing number bond cards
- Number Cards

Shuffle each set and place face down, keeping the two sets separate. Take it in turns to pick one of the missing number bonds cards. Let them say which number completes the bond. The try to find that



number. If they find the correct number they keep this matching pair and go again.

The winner is the player with the most matches.

3.0 Clear the Decks

Materials you need...

- Number Cards x4

Bonds of 5 use 0-5 cards. Place six cards face up.

Bonds of 10 use 0-10 cards. Place nine cards face up.

Hold the remaining cards. Look at the cards that are face up and find two cards to make the number bond, discard these. Replace these cards using two cards from the pile you are holding so you always have the same number of cards face up. Keep repeating. See if you can clear the deck and remove all the bonds.

4.0 Ten Snap

Materials you need...

- Number Cards (0-10) x4

Shuffle the cards and share between the players.

Take turns to turnover your top card and place in the pile in the middle. On your turn, before you turnover your card say which card you need to make ten with the card that is currently on top of the



pile in the middle. If the card you turnover makes ten everyone has chance to shout “snap” and place their hand on top. The person who is quick enough gets to take all the cards in the middle and add to their pile.

The winner is the player who is the only one left with cards.

5.0 Tic Tac Toe – Bonds of 10, 20 or 100

Materials you need...

- Tic Tac Toe Grid
- Number Cards
- Counters (two colours)

Shuffle number cards that correspond to the bond you are working on, and place face down. Take turns to pick a card. Find the bond your card completes. Place your counter on this cell.

The winner gets three in a row... vertical, horizontal or diagonal.

6.0 Number Bonds Memory Game

Materials you need...

- Number Bonds cards

Shuffle the cards that make all the bonds to 5, 10, 20 OR 100 and place face down. Remove one card. Turn the rest over and see if you can find the missing bond.



7.0 Bonds Opposites

Materials you need...

- 0-9 cards
- Bonds cards – Difference and Sum facts

Shuffle the 0-9 cards and place face down. Do the same with the Bond cards – keeping Difference cards and sum cards separate so you know where each type of card is.

Players take it in turns to turnover one card from each group. They are trying to find the 0-9 card that fits into both the sum and difference equations.

The winner is the player who matches the most.



1

2

3

4

5

6

7

8

9



0	10	
10	20	30
40	50	60



70

80

90

100



$1 + _ = 10$

$2 + _ = 10$

$3 + _ = 10$

$4 + _ = 10$

$5 + _ = 10$

$6 + _ = 10$

$7 + _ = 10$

$8 + _ = 10$

$9 + _ = 10$



$11 + _ = 20$

$12 + _ = 20$

$13 + _ = 20$

$14 + _ = 20$

$15 + _ = 20$

$16 + _ = 20$

$17 + _ = 20$

$18 + _ = 20$

$19 + _ = 20$



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

$20 + \underline{\quad} = 100$

$30 + \underline{\quad} = 100$

$40 + \underline{\quad} = 100$

$50 + \underline{\quad} = 100$

$60 + \underline{\quad} = 100$

$70 + \underline{\quad} = 100$

$80 + \underline{\quad} = 100$

$90 + \underline{\quad} = 100$



$1+9=10$	$2+8=10$	$3+7=10$
$4+6=10$	$5+5=10$	$6+4=10$
$7+3=10$	$8+2=10$	$9+1=10$
$10+90=100$	$20+80=100$	$30+70=100$



$40+60=100$	$50+50=100$	$60+40=100$
$70+30=100$	$80+20=100$	$90+10=100$
$1+19=20$	$2+18=20$	$3+17=20$
$4+16=20$	$5+15=20$	$6+14=20$



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



$19+1=20$		
$0+5=5$	$1+4=5$	$2+3=5$
$3+2=5$	$4+1=5$	$5+0=5$

$$_ + 1 = 10$$

$$_ + 2 = 10$$

$$_ + 3 = 10$$

$$_ + 4 = 10$$

$$_ + 5 = 10$$

$$_ + 6 = 10$$

$$_ + 7 = 10$$

$$_ + 8 = 10$$

$$_ + 9 = 10$$

$$_ + 10 = 10$$



$$10 - _ = 0$$

$$10 - _ = 5$$

$$10 - _ = 1$$

$$10 - _ = 6$$

$$10 - _ = 2$$

$$10 - _ = 7$$

$$10 - _ = 3$$

$$10 - _ = 8$$

$$10 - _ = 4$$

$$10 - _ = 9$$