

# **Checking and Estimating**

### 1.0 Rounding Boardgame

Materials you need...

- 1-100 Board
- 0-9 die
- Counters

Take it in turns to roll the die and move forward this many spaces. Then look to round up or down to the nearest 10.

First to reach 100 wins.

#### 2.0 Flip it

Materials you need...

0-9 cards x4

You can tailor this game to be how big you would like the numbers to be.

Each pick the number of cards to match how many digits you would like your number to have and turn them over in order to give you your number.

Round to the nearest... 10, 100, 1000...

Biggest number wins.



## 3.0 Rounding Race

Materials you need...

- Counters
- Rounding cards
- Caterpillar track (one per player)

Print and cut out he rounding cards (up to relevant level).

Take it in turns to pick a rounding card. Round as requested on the card. If you have rounded up move forward one space. If you have rounded down stay still.

First to end wins.

#### 4.0 Whose closest?

Create some calculations that the children can use rounding to help find an estimate. Who can get the closest to the answer by estimating?



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



1	2	3
4	5	6
7	8	9
0		



19	84	65
Nearest 10	Nearest 10	Nearest 10
215	597	431
Nearest 10	Nearest 10	Nearest 10
72	343	997
Nearest 10	Nearest 10	Nearest 10
9604	5456	4599
Nearest 10	Nearest 10	Nearest 10



71	432	567
Nearest 100	Nearest 100	Nearest 100
228	561	789
Nearest 100	Nearest 100	Nearest 100
7278	3413	1428
Nearest 100	Nearest 100	Nearest 100
9607	4549	8051
Nearest 100	Nearest 100	Nearest 100



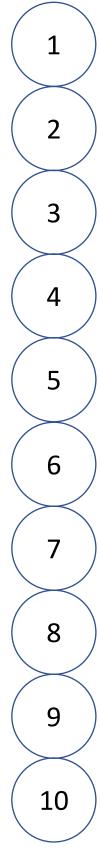
6428	5623	4269
Nearest 1000	Nearest 1000	Nearest 1000
9604	495	5124
Nearest 1000	Nearest 1000	Nearest 1000
7512	1912	2310
Nearest 1000	Nearest 1000	Nearest 1000
3390	8812	3254
Nearest 1000	Nearest 1000	Nearest 1000



1.2	8.8	6.3
Nearest 1	Nearest 1	Nearest 1
2.9	5.7	4.4
Nearest 1	Nearest 1	Nearest 1
7.42	3.13	8.97
Nearest 1	Nearest 1	Nearest 1
9.55	5.62	4.59
Nearest 1	Nearest 1	Nearest 1



# **Caterpillar track**



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