

Rounding off

CAPS Statement

Numbers, operations and relationships

Round off to the nearest **5, 10, 100** and **1 000**.

Note

Remember:

To round numbers to the nearest five, ten, hundred or thousand, find the multiple closest to the number.

Hundreds chart

Rounds down to

Rounds up to

0	1	2	3	4	5	6	7	8	9	10
10	11	12	13	14	15	16	17	18	19	20
20	21	22	23	24	25	26	27	28	29	30
30	31	32	33	34	35	36	37	38	39	40
40	41	24	43	44	45	46	47	48	49	50
50	51	52	53	54	5	56	57	58	9	60
60	61	62	63	64	65	66	67	68	69	70
70	71	72	73	74	75	76	77	78	79	80
80	81	82	83	84	85	86	87	88	89	90
90	91	92	93	94	95	96	97	98	99	100

Rounds down to

Rounds up to

Activity 1

Use your colors to reveal the puzzle.

Colour all the numbers **rounded off to the nearest 5** in **yellow**.

Colour all the numbers **rounded off to the nearest 10** in **blue**.

Colour all the numbers **rounded off to the nearest 100** in **grey**.

Colour all the numbers **rounded off to the nearest 1000** in **black**.

26	11	48			49	8	20	71	8	59	92	72	50	78	39	82	48	41	69
31	32					51	62	38	60	82	69	91			62	80	49	2	18
60							8	59	30	41	69					61	92	58	10
88	69	68	60	42	78	82	68	92	71	28							31	29	62
30	39	72	29	61	48	39	91	90	12	89	40	11	48	89	11	8	20	72	38
32	71	40	49	38	70	19	49	52	48	69	28	2	50	88	82	21	42	38	19
48	78	21	58	69	81	10	28	80	29	82	70	79	22	91	60	9	70	51	30
10	29	2	41	50	22	11	32	61	8	81	12	8	71	89	52	68	59	48	22
12	51	13	86	16	24	97	73	45	36	83	97	14	36	15	34	35	23	66	77
30	81	34	98	801	400	83	399	702	800	697	97	799	202	495	500	35	198	403	83
48	29	45	595	399	694	56	603	501	798	295	23	504	903	98	197	24	301	499	84
21	22	23	201	497	503	14	894	300	297	603	16	401	396	803	602	25	298	600	93
89	80	17	899	195	98	26	396	99	902	498	87	697	499	501	298	44	203	899	25
88	23	56	84	24	16	77	44	33	93	34	95	76	75	73	47	55	96	65	13
41		65	97	63	37	83	34	25	27	75	54	85	43	26	64	84	53	67	
44	24	36	999	4999	24	95	13	47	36	63	33	74	17	7999	2998	83	54	45	87
65	73	5998			8998	75	27	94	16	17	26	17	2999			5999	77	63	36
31	68	8999			3998	59	32	40	28	39	11	62	6998			3999	60	92	88
			6999	9999										4998	7998				
102	897	703	101	397	202	597	101	800	299	102	701	400	788	99	203	795	198	400	98
695	299	304	699	100	597	402	699	797	502	196	395	802	596	101	900	697	700	303	6
903	801	302	296	403	98	804	901	103	899	399	98	404	200	796	601	404	99	798	901

Teacher Tip

Provide learners with a thousand chart that they can show which numbers 'round up' and which 'round down'.



Activity 2

First solve the word sums by estimation. Then work out the answer. See how close your estimation was.

- a Thandi's painting business used a total of **9,882** litres of **white and blue paint** this year. If **2,374** litres of white paint were used, how many litres of blue paint were used?
_____.
- b Jo decided to drive across Africa. He drove **5,484 kilometres** the first week, and **6,845 kilometres** the second week. How many kilometres did Jo drive in total?
_____.
- c There are **3,169 erasers** in the school's stock room. The principle placed **3,393 more** erasers in the stock room. How many erasers are now in the stockroom?
_____.
- d Lerato's cupcake shop sold a total of **7,648 cupcakes** today and **4,295 of those had sprinkles**. How many cupcakes were sold without sprinkles?
_____.
- e Thembeke picked **5,572 oranges** and Nandi picked **4,911** oranges from the orchard. How many oranges did they pick together?
_____.
- f The Happy Time Toy store has **5,695 balloons** in stock. They **sold 2,224** of the balloons over the weekend. How many balloons are left in stock?
_____.

