

Brilliance Tuition Centre, Redbank Plains

MATHS WORKSHEETS- PERCENTAGES- PERCENTAGE INCREASE AND DECREASE

Increase or decrease the following by the given percentage.

Increase by the given %

- 1 \$90 by 70% =
- 2 \$450 by 20% =
- 3 460 g by 100% =
- 4 458 kg by 40% =
- 5 350 h by 30% =
- 6 348 ha by 20% =
- 7 346 min by 60% =
- 8 1,980 L by 65% =
- 9 430 t by 70% =
- 10 4,570 cm by 75% =
- 11 230 m by 45% =
- 12 560 g by 60% =
- 13 3,260 kg by 40% =
- 14 3,400 h by 20% =
- 15 600 ha by 60% =
- 16 4,680 min by 40% =
- 17 9,600 L by 70% =
- 18 3,600 t by 80% =
- 19 2,500 cm by 20% =
- 20 3,800 m by 90% =

Decrease by the given %

- 21 \$90 by 70% =
- 22 \$450 by 20% =
- 23 460 g by 100% =
- 24 458 kg by 40% =
- 25 350 h by 30% =
- 26 348 ha by 20% =
- 27 346 min by 60% =
- 28 1,980 L by 65% =
- 29 430 t by 70% =
- 30 4,570 cm by 75% =
- 31 230 m by 45% =
- 32 560 g by 60% =
- 33 3,260 kg by 40% =
- 34 3,400 h by 20% =
- 35 600 ha by 60% =
- 36 4,680 min by 40% =
- 37 9,600 L by 70% =
- 38 3,600 t by 80% =
- 39 2,500 cm by 20% =
- 40 3,800 m by 90% =

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Answer Key:

Example: **Increase 150 by 30%**

- Step 1: Find 30% of 150
- $30\% \text{ of } 150 = 45$
- Step 2: Add this answer to 150
- $\text{Add } 45 \text{ and } 150 = 195$
- Answer = 195

Example: **Decrease 150 by 30%**

- Step 1: Find 30% of 150
- $30\% \text{ of } 150 = 45$
- Step 2: Subtract the answer from 150
- $150 - 45 = 105$
- Answer = 105

1	\$153		15	960	ha	29	129	t
2	\$540		16	6552	min	30	1142.5	cm
3	920	g	17	16320	L	31	126.5	m
4	641.2	kg	18	6480	t	32	224	g
5	455	h	19	3000	cm	33	1956	kg
6	417.6	ha	20	7220	m	34	2720	h
7	553.6	min	21	\$27		35	240	ha
8	3267	L	22	\$360		36	2808	min
9	731	t	23	0	g	37	2880	L
10	7997.5	cm	24	274.8	kg	38	720	t
11	333.5	m	25	245	h	39	2000	cm
12	896	g	26	278.4	ha	40	380	m
13	4564	kg	27	138.4	min			
14	4080	h	28	693	L			