

COMMON ERRORS

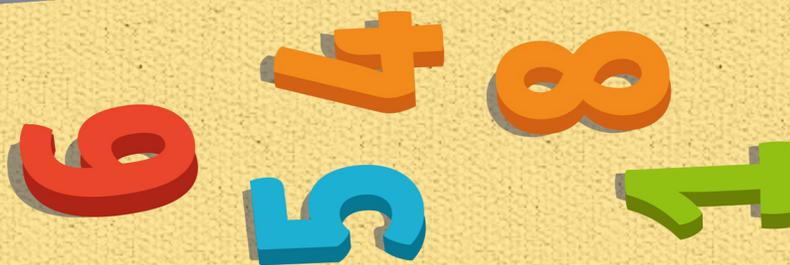
in Mathematics



$$2 + 3 = 5$$

$$7 - 4 = 3$$

$$9 \times$$



COMMON ERRORS IN MATHEMATICS

1	Numbers
2	Fundamental Operations
3	Fractions
4	Shapes
5	Measurements
6	Time
7	Money

1. Numbers

Sl. No.	INCORRECT	CORRECT
1.	Number name for 525 is Five hundreds twenty-five.	Number name for 525 is Five hundred twenty-five.
2.	Number name for 634 is Six hundred thirty four .	Number name for 634 is Six hundred thirty-four .
3.	Face value of '4' in 540 is 40 .	Face value of '4' in 540 is 4 .
4.	Place value of '7' in 871 is 71 .	Place value of '7' in 871 is 70 or 7 tens .
5.	Numbers in ascending order: 9, 5, 3, 2, 1	Numbers in ascending order: 1, 2, 3, 5, 9
6.	Numbers in descending order: 2, 4, 6, 7, 8	Numbers in descending order: 8, 7, 6, 4, 2
7.	The smallest 3-digit number using the digits 0, 2, 1 is 012 .	The smallest 3-digit number using the digits 0, 2, 1 is 102 .
8.	The largest 3-digit number using the digits 8, 9, 0 is 908 .	The largest 3-digit number using the digits 8, 9, 0 is 980 .



9.	109 is an even number.	109 is an odd number.
10.	310 is an odd number.	310 is an even number.
11.	If 55 is greater than 43, then we write: $55 < 43$.	If 55 is greater than 43, then we write: $55 > 43$.
12.	If 89 is less than 111, then we write: $89 > 111$.	If 89 is less than 111, then we write: $89 < 111$.



2. Fundamental Operations

Sl. No.	INCORRECT	CORRECT
1.	$1 + 5 = 15$	$1 + 5 = 6$
2.	$101 + 27 = 271$	$101 + 27 = 128$
3.	1 more than 199 is 198.	1 more than 199 is 200.
4.	$24 - 1 = 14$	$24 - 1 = 23$
5.	1 taken away from 49 is 50.	1 taken away from 49 is 48.
6.	$2 \times 9 = 29$	$2 \times 9 = 18$
7.	$1 \times 8 = 9$	$1 \times 8 = 8$
8.	2 times 4 = 6	2 times 4 = 8
9.	$2 \times 0 = 2$	$2 \times 0 = 0$
10.	$5 \div 1 = 1$	$5 \div 1 = 5$
11.	$9 \div 9 = 9$	$9 \div 9 = 1$
12.	$0 \div 9 = 9$	$0 \div 9 = 0$

3. Fractions



Sl. No.	INCORRECT	CORRECT
1.	5 parts out of 6 parts = $\frac{6}{5}$	5 parts out of 6 parts = $\frac{5}{6}$
2.	In fraction $\frac{3}{4}$, Numerator = 4	In fraction $\frac{3}{4}$, Numerator = 3
3.	In fraction $\frac{7}{9}$, Denominator = 7	In fraction $\frac{7}{9}$, Denominator = 9

4. Shapes

Sl. No.	INCORRECT	CORRECT
1.	A line has 2 end points.	A line segment has 2 end points.
2.	A ray has no end point .	A ray has 1 end point .
3.	A line has both length and breadth .	A line has only length but no breadth .
4.	Any two sides of a rectangle are equal.	The two opposite sides of a rectangle are equal.
5.	A circle has 1 side .	A circle has no sides .
6.	A circle has 1 corner .	A circle has no corners .
7.	A cube has 4 vertices .	A cube has 8 vertices .
8.	A cylinder has 2 vertices .	A cylinder has 0 vertices .
9.	A sphere has 0 faces .	A sphere has 1 curved face .

5. Measurements



Sl. No.	INCORRECT	CORRECT
1.	Centimetre is the standard unit of length.	Metre is the standard unit of length.
2.	Gram is the standard unit of weight.	Kilogram is the standard unit of weight.
3.	Millilitre is the standard unit of capacity.	Litre is the standard unit of capacity.
4.	1 kg = 100 g	1 kg = 1000 g
5.	1 m = 1000 cm	1 m = 100 cm
6.	1 l = 100 ml	1 l = 1000 ml

6. Time

Sl. No.	INCORRECT	CORRECT
1.	Longer hand of the clock is the hour hand .	Longer hand of the clock is the minute hand .
2.	Shorter hand of the clock is the minute hand .	Shorter hand of the clock is the hour hand .
3.	6:45 = Quarter past 7	6:45 = Quarter to 7
4.	5:15 = Quarter to 5	5:15 = Quarter past 5
5.	When the short hand is at 9 and the long hand is at 3, the time is 3:45 .	When the short hand is at 9 and the long hand is at 3, the time is 9:15 .
6.	Thursday comes before Wednesday.	Tuesday comes before Wednesday.
7.	May has 30 days.	May has 31 days.
8.	October comes before September.	August comes before September.
9.	February always has 28 days .	February has 28 days in an ordinary year and 29 days in a leap year .

7. Money



Sl. No.	INCORRECT	CORRECT
1.	1 rupees	1 rupee
2.	50 paisa	50 paise
3.	50 rupee	50 rupees
4.	A 500 rupees note	A 500-rupee note