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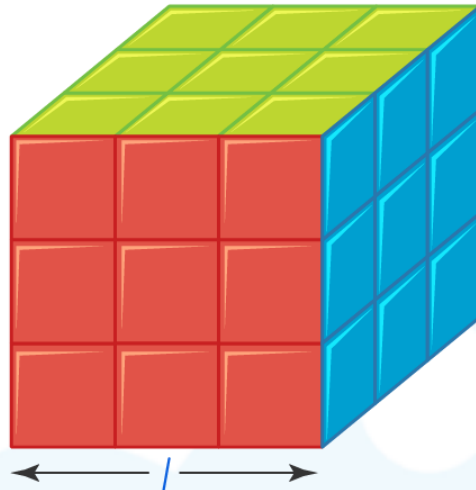
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## Math Expression Grade 4 Worksheets

Q1) The length of an edge of a Rubik's cube is denoted by 'l'. Write the formula to find the total length of the edges of Rubik's cube.



Q2) What would be the value of the following expressions for  $x = -2$ ?

- a)  $3x + 1$
- b)  $-5(x - 7)$

Q3) Read the following statement and give the appropriate expression.  
'z is multiplied with -6 and the result is added to 7'

Q4) Which of the following is an expression containing both numbers and variables?

- a)  $3 \times (x + 7)$
- b)  $y - 8$
- c)  $(5 + 8) \times (-9 + 7)$

Q5) If there are 5 marbles arranged in one row and there are 'r' number of rows, then what would be the total number of marbles?

Q6) Match column 1 with their respective expressions in column 2.

a) 6 added to $x$	i) $-7x$
b) 4 subtracted from $-x$	ii) $-x - 4$
c) $-x$ multiplied by 7	iii) $\frac{5r}{7}$
d) 7 divided by $5r$	iv) $x + 6$

Q7) Let Maria's present age be  $y$  years. What was her age 4 years back?

Q8) Which of the following shows expressions using  $m$ ,  $n$  and  $-3$ .

- a)  $m - 3 + n$
- b)  $3mn$
- c)  $-7 + mn$
- d)  $mn - 3$

Q9) If in a classroom, there are  $n$  students and the school has  $30n$  students, then which one of the following statements is true?

- a) Number of students in the classroom is 30 times the number of students in the school.
- b) Number of students in the school is 30 times the number of students in the classroom.
- c) Number of students in the classroom is 30 times more than the number of students in the school.
- d) Number of students in the school is 30 times more than the number of students in the classroom.

Q10) Alex and his parents are trekking on the rocky mountains. His mother is at step 's', his father is 2 steps ahead and Alex is 3 steps behind. Where are Alex and his father?



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- Gary Schwartz

"Cuemath is great because my son has a one-on-one interaction with the teacher. The instructor has developed his confidence and I can see progress in his work. One-on-one interaction is perfect and a great bonus."

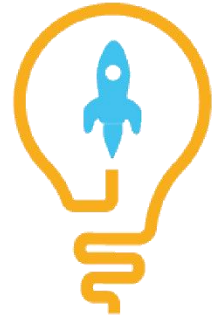
- Kirk Riley

"I appreciate the effort that miss Nitya puts in to help my daughter understand the best methods and to explain why she got a problem incorrect. She is extremely patient and generous with Miranda."

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**ANSWERS**

1)	12l
2)	a) -5, b) 45
3)	$-6z + 7$
4)	a), b)
5)	5r
6)	a) - iv), b) - ii) , c) - i), d) - ii)
7)	$x - 4$
8)	a), b), d)
9)	b)
10)	$s - 3, s + 2$

## FUN FACT

1. A constant 'k' is also an expression.
2. Equations in math are formed using expressions.
3. There are infinite expressions in math.

