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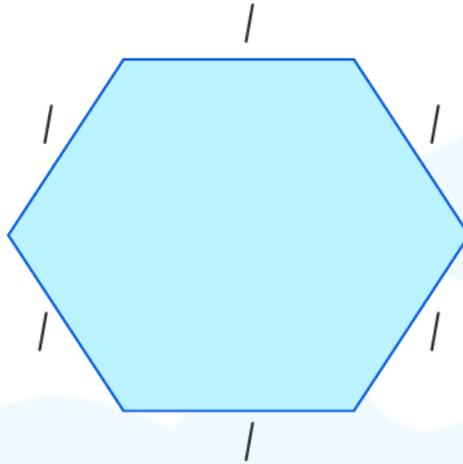
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Math Expression Grade 4 Worksheets

Q1) Find the value of the expression $3 \times (x + 7)$ when $x = 3$.

Q2) The following picture shows a regular hexagon with side length 'l'. Express the perimeter of the hexagon using the variable 'l'.



Q3) Which of the following shows expressions using x and -7 .

- a) $x - 8 + 1$
- b) $-7x$
- c) $-7 + x$

Q4) In a classroom, there are 10 students in each row. Write an expression showing the number of students in the classroom if the number of rows is represented by n .



Q5) Which of the following is an expression containing variables only?

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

Q6) Give expressions in the following cases.

- a) 3 times x to which 8 is added
- b) 7 subtracted from $6p$

Q7) Katie puts ' t ' marbles on the table and she has ' $6t$ ' marbles in her bag. Then, which one of the following statements is correct?

- a) The table has 6 times marbles than Katie's bag.
- b) Katie's bag contains 6 times the number of marbles on the table.
- c) The table has 6 times the number of marbles in Katie's bag.

Q8) Take Jenny's present age as ' x ' years. What would be Jenny's age 7 years from now?

Q9) Match column 1 with their respective expressions in column 2.

| | |
|----------------------------|---------------------|
| a) 3 divided by $2m$ | i) $-9n$ |
| b) 4 subtracted from x | ii) $3n + 10$ |
| c) product of -9 and n | iii) $\frac{2m}{3}$ |
| d) sum of 10 and $3n$ | iv) $x - 4$ |

Q10) Write an expression for the product of -5 and r .

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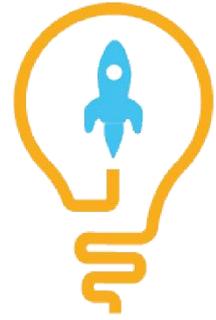
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**ANSWERS**

| | |
|-----|---|
| 1) | 30 |
| 2) | 6l |
| 3) | b), c) |
| 4) | 10n |
| 5) | b), d) |
| 6) | a) $3x + 8$, b) $6p - 7$ |
| 7) | b) |
| 8) | $(x + 8)$ years |
| 9) | a) - iii), b) - iv) , c) - i), d) - ii) |
| 10) | -5r |

FUN FACT

1. We can form an infinite number of expressions using a variable and a constant.
2. We can include any number in expression.
3. We use expressions to form equations.

