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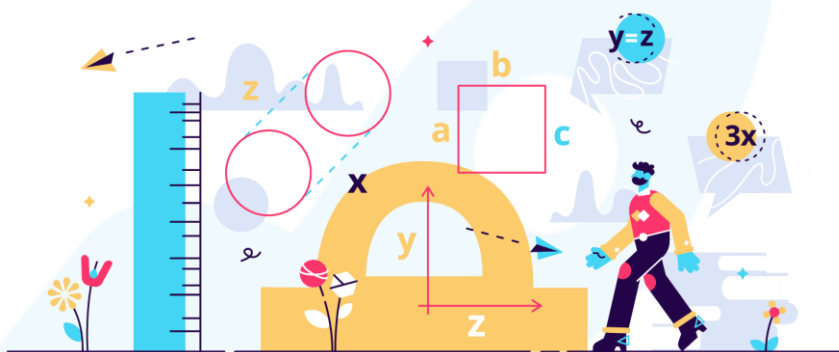
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DIVIDING MONOMIALS WORKSHEET IV

- 1) Divide $8x$ by $2x$.
- 2) Evaluate: $21x^5/7x^2$
- 3) On dividing $12t^8$ by $9t^4$ we will get $1.5t^{12}$.
 - a) True
 - b) False



- 4) $63r^{12}/9r^{11}=7r$
 - a) True
 - b) False
- 5) $(49d^3+84d^2)/7d$
 - a) $7d^2 + 12d$
 - b) $49d^2 + 12d$
 - c) $7d^2 + 84d$
 - d) $7d^3 + 12d$
- 6) Simplify: $(-y^4z^2)/(-y^2z)$
 - a) y^2z
 - b) $-y^2z$
 - c) y^4z
 - d) $-y^4z$

7) Divide the first polynomial by second: $(-10x^2), 2x^2$

8) Match the following:

a- $36q^2/3q^2$

p- q^2

b- $4q/(-4q)$

q- 9

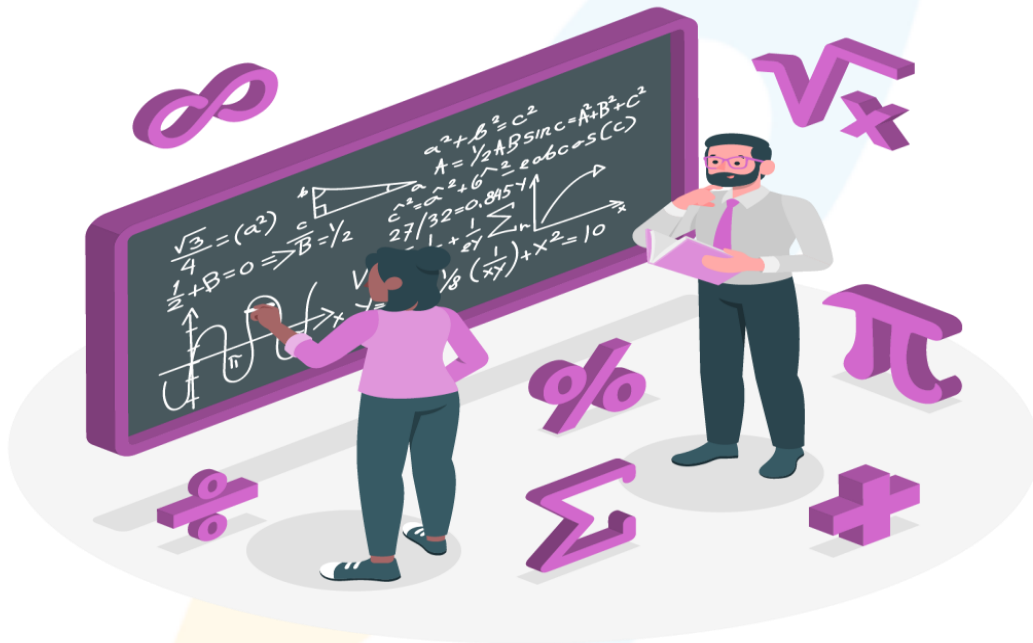
c- $(-9q^3)/(-9q)$

r- 12

d- $63q/7q$

s- (-1)

9) If the area of a rectangle is $27p^2$ and its Width is $9p$. Find its length.



10) Width of a triangle is given by $2d$. If its area is $8d^2n$, find its length.

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- Gary Schwartz

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- 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."

- Barbara Cabrera

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ANSWERS

1)	$4x$
2)	$3x^3$
3)	False
4)	True
5)	a) $7d^2 + 12d$
6)	a) y^2z
7)	5
8)	a-r b-s c-p d-q
9)	$3p$
10)	$4dn$

FUN FACT

1. Like terms are those that have the same variables raised to the same power.
2. A **monomial** cannot have a variable for a denominator.
3. A polynomial that has only one term is called monomial.

