

Quiz: Truth-Value of Open Sentences

Determine whether the following sentences are TRUE, FALSE, or OPEN.

1. " $4 + 5 = 7a$."
2. "Numbers that are multiples of 3 are odd."
3. "This subject is very interesting."

Use the domain {triangle, rectangle, square, parallelogram, rhombus, circle} to find the solution set for the following open sentences.

4. "It has only one center."
5. "Its area is equal to length multiplied by width."
6. "The diagonals are perpendicular to each other"

Using the natural numbers as a domain, determine the solution set for the following open sentences.

7. " $15 - 2x = 3x$ "
8. " $3x - 5 = 7$ "
9. " $2x < 5$ "
10. " $5x - 6 = 24$ "

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%