Q.1 simplify the expression $x+x+x+x$

4x

3x

x

Q.2 simplify the expression $3x + 8 + 2x$

5x + 8

13x

5x+1

Q.3 simplify the expression $3y - y$

2y

4y

3y

Q.4 simplify the expression $q^3 + q^3 + q^3$

$3q^3$

3q

q

Q.5 simplify the expression $5w - 5w$

5w

10w

0

Q.6 identify which expressions are equivalent to the given expression 5(2x + 3):

10x + 15

10x + 3

10x + 8

Q.7 identify which expressions are equivalent to the given expression 4x – 8

(2x - 6)

(2x - 4)

x - 8 + 3x

Q.8 identify which expressions are equivalent to the given expression 4x – 8

2(2x - 6)

2(2x - 4)

x - 8

Q.9 Which expression below is **NOT** equivalent to 6x + 12?

6(x + 2)

12 + 6x

3(2x + 4)

18x

Q.10 Which value of the variable is the solution of this equation d+ 9 =35
d = 16
d = 22
d = 26

Q.11 Which value of the variable is the solution of this equation 4=36÷m
m = 40
m = 6
m = 9

Q.12 which property of equality used to solve this equation 5m+4=19

Subtraction Property of Equality

Division Property of Equality

Addition Property of Equality

Q.13 which property of equality used to solve this equation 3t = 20

Subtraction Property of Equality

Division Property of Equality

Addition Property of Equality

Q.14 solve this equation 24 +m=49

m= 25

m= 60

m = 90

Q.15 solve this equation t - 40 = 3

T=3

T = 43

T = 40

Q.16 solve this equation 18m = 36

M= 2

M= 18

M =36

Q.17 solve this equation t ÷ 3 = 10

T= 30

T = 10

T = 3