Multiplying Monomials

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Simplify each expression.

1) $-1x^2y^3z \times 2x =$

2) $2xy \times (-4z) =$

3) $-8xy \times (-3z) =$

4) $6x^2y^3z \times 7x =$

5) $-10x^2y^3z \times 4x =$

6) $-2x^2y^2z \times 3xz^2 =$

7) $6xy \times (-3z) =$

8) $-1xy \times (-4z) =$

9) $-4x^2y^3z \times 7x =$

10) $8x^2y^3z \times 5x =$

11) $-8x^2y^3z \times 3x =$

12) $-3xy \times 3x^2y =$

13) $8xy \times (-2z) =$

14) $4xy \times (-4z) =$

15) $3x^2y^3z \times 3x =$

16) $10x^2y^3z \times 3x =$

17) $7xy \times 2x^2y =$

18) $10xy \times (-2z) =$

19) $-8xy \times 4x^2y =$

20) $8x^2y^2z \times 7xz^2 =$

21) $6x^2y^2z \times 3xz^2 =$

22) $2x^2y^3z \times 3x =$

23) $-4x^2y^2z \times 3xz^2 =$

24) $-6x^2y^3z \times 2x =$

25) $-5x^2y^3z \times 7x =$

26) $-7x^2y^3z \times 2x =$

27) $8xy \times 2x^2y =$

28) $7x^2y^3z \times 5x =$

29) $-1x^2y^2z \times 4xz^2 =$

30) $1xy \times (-2z) =$

Answers of Multiplying Monomials

Simplify each expression.

1) $-1x^2y^3z \times 2x = -2x^3y^3z$

2) $2xy \times (-4z) = -8xyz$

3) $-8xy \times (-3z) = 24xyz$

4) $6x^2y^3z \times 7x = 42x^3y^3z$

5) $-10x^2y^3z \times 4x = -40x^3y^3z$

6) $-2x^2y^2z \times 3xz^2 = -6x^3y^2z^3$

7) $6xy \times (-3z) = -18xyz$

8) $-1xy \times (-4z) = 4xyz$

9) $-4x^2y^3z \times 7x = -28x^3y^3z$

10) $8x^2y^3z \times 5x = 40x^3y^3z$

11) $-8x^2y^3z \times 3x = -24x^3y^3z$

12) $-3xy \times 3x^2y = -9x^3y^2$

13) $8xy \times (-2z) = -16xyz$

14) $4xy \times (-4z) = -16xyz$

15) $3x^2y^3z \times 3x = 9x^3y^3z$

16) $10x^2y^3z \times 3x = 30x^3y^3z$

17) $7xy \times 2x^2y = 14x^3y^2$

18) $10xy \times (-2z) = -20xyz$

19) $-8xy \times 4x^2y = -32x^3y^2$

20) $8x^2y^2z \times 7xz^2 = 56x^3y^2z^3$

21) $6x^2y^2z \times 3xz^2 = 18x^3y^2z^3$

22) $2x^2y^3z \times 3x = 6x^3y^3z$

23) $-4x^2y^2z \times 3xz^2 = -12x^3y^2z^3$

24) $-6x^2y^3z \times 2x = -12x^3y^3z$

25) $-5x^2y^3z \times 7x = -35x^3y^3z$

26) $-7x^2y^3z \times 2x = -14x^3y^3z$

27) $8xy \times 2x^2y = 16x^3y^2$

28) $7x^2y^3z \times 5x = 35x^3y^3z$

29) $-1x^2y^2z \times 4xz^2 = -4x^3y^2z^3$

30) $1xy \times (-2z) = -2xyz$