

1

Answer the following question.

- (a) $(5ge^2 - 7g^2e + 3ge + 9)$ is subtracted from $(25g^2e - 43ge^2 + 7ge + 43)$. The difference is added to the sum of $(g^2e + 27)$ and 2 times $(5ge^2 + 6g + 7)$. Write out the resulting algebraic expression.

2

Answer the following questions.

(a) $-3a^3b \times 4b^2a$

=

(b) $(6b^2)^3$

=

(c) $8rm^3 \times 6m^3r^5$

=

(d) $(5c^3d)^2$

=

(e) $p^5q^6 \times q^5p^5$

=

(f) $(4gp)^4$

=

(g) $6ab \times 5b$

=

(h) $(4a^{20})^3$

=

3Answer the following questions.

(a) $(3g + 5)(4m - 3) + (7mg)(6)$

(b) $(3x + 7y + 6 + 9x^2 + 4y^2)(8x + 9y)$

(c) $(6y + 3)(7x - 5) + (9x + 5)(7y - 9)$

(d) $(3g)(4m^2 + 5 + 6m) - (4m)(6g - 3 + 4g^2)$
