Rajarshi Gurukul

Sallaghari, Bhaktapur -17, Nepal

Name: Grade:

Drag and add the following algebraic terms:

a) $x + 5$ and $x + 3$
Solution:

b) $2a^3 - 4b^3$ and $6a^3 + b^3$
Solution:

c) $x^2 + y^2$ and $3x^2 + 4y^2$
Solution:

d) $3a^2 - 4ab - 2b^2$ and $7ab - 4a^2 + 6b^2$
Solution:

$x + 5 + x + 3$
$(x^2 + y^2) + (3x^2 + 4y^2)$
$(2a^3 - 4b^3) + (6a^3 + b^3)$
$3a^2 - 4ab - 2b^2 + 7ab - 4a^2 + 6b^2$
$x^2 + 3x^2 + y^2 + 4y^2$
$x + x + 5 + 3$
$x^2 + y^2 + 3x^2 + 4y^2$
$2a^3 - 4b^3 + 6a^3 + b^3$

$(3a^2 - 4ab - 2b^2) + (7ab - 4a^2 + 6b^2)$
$2x + 8$
$4x^2 + 5y^2$
$8a^3 - 3b^3$
$(x+5) + (x + 3)$
$2a^3 + 6a^3 - 4b^3 + b^3$
$3a^2 - 4a^2 - 4ab + 7ab - 2b^2 + 6b^2$
$-a^2 + 3ab + 4b^2$

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