

Name : _____

Multiplying Binomials

Multi-variable: S3

Multiply the following.

1) $(-6h^3 - 14g^5)(7h^3 - 3g^5)$

2) $(-a^4b + a^3c)(ab - d)$

3) $(-20 + \frac{5}{2}pq)$

PREVIEW

$(2mn)$

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5) $(16x + 11w)($

$u^2 - 5v^2)$

7) $(6 - 3r^6st)(2r^6st + 4)$

8) $(4yz - 16)(-4yz + 8)$

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Name : _____

Answer key

Multiplying Binomials

Multi-variable: S3

Multiply the following.

1) $(-6h^3 - 14g^5)(7h^3 - 3g^5)$

2) $(-a^4b + a^3c)(ab - d)$

$42g^{10} - 80g^5h^3 - 42h^6$

$-a^5b^2 + a^4bc + a^4bd - a^3cd$

3) $(-20 + \frac{5}{2}pq)$

PREVIEW

$2mn$

$\frac{15}{8}p^2q^2 - 12$

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$n + 54n$

5) $(16x + 11w)($

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$u^2 - 5v^2$

$-110w^2 - 32$

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$u^3 + 13u^2 + 5v^2$

7) $(6 - 3r^6st)(2r^6st + 4)$

8) $(4yz - 16)(-4yz + 8)$

$-6r^{12}s^2t^2 + 24$

$-16y^2z^2 + 96yz - 128$