

Name : _____

Multiplying Monomials

Multi-variable: S1

Multiply the following.

1) $\frac{1}{8}q^6rs \times 80q^5$

2) $-9y^2z^2 \times 9y^2z^2$

3) $\frac{4}{3}g^5 \times -\frac{9}{8}$

$\frac{1}{7} \times 2b^6c^7d^5$

5) $-20vwx^7 \times$

$\frac{5}{7}m^4n^6$

7) $-a^2b \times \frac{4}{5}a$

$3p \times r$

PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

www.mathworksheets4kids.com

9) $4s^2tu^2 \times -3st^2u$

10) $\frac{1}{2}x \times \frac{3}{2}y$

Name : _____

Answer key

Multiplying Monomials

Multi-variable: S1

Multiply the following.

1) $\frac{1}{8}q^6rs \times 80q^5$

$10q^{11}rs$

2) $-9y^2z^2 \times 9y^2z^2$

$-81y^4z^4$

3) $\frac{4}{3}g^5 \times -\frac{9}{8}h^4$

$-\frac{3}{2}g^6h^4$

$\frac{1}{7} \times 2b^6c^7d^5$

5) $-20vwx^7 \times$

$100vwx^7$

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

7) $-a^2b \times \frac{4}{5}a^3bc^3$

$-\frac{4}{5}a^3bc^3$

$\frac{5}{7}m^4n^6$

$3p \times r$

www.mathworksheets4kids.com

$\frac{2}{2}pq^4r^2$

9) $4s^2tu^2 \times -3st^2u$

$-12s^3t^3u^3$

10) $\frac{1}{2}x \times \frac{3}{2}y$

$\frac{3}{4}xy$