

Name : \_\_\_\_\_

## Multiplying Monomials

Multi-variable: S2

Multiply the following.

1)  $-\frac{4}{5} \times \frac{10}{3}m^4 \times \frac{1}{2}mn^2$

2)  $\frac{5}{6}bc^5 \times \frac{12}{7}b^4cd^3$

3)  $\frac{6}{7}rs^4t^2 \times 7$

$u \times -\frac{8}{3}v^3$

5)  $-10pq^3 \times$

$2y^6z^2$

7)  $-2g^6h \times -$

9)  $\frac{1}{6}w^2x \times -\frac{2}{3}w^2x$

10)  $-2s^7tu^2 \times -\frac{3}{4}tu^2$

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## Answer key

### Multiplying Monomials

Multi-variable: S2

Multiply the following.

1)  $-\frac{4}{5} \times \frac{10}{3}m^4 \times \frac{1}{2}mn^2$

$-\frac{4}{3}m^5n^2$

2)  $\frac{5}{6}bc^5 \times \frac{12}{7}b^4cd^3$

$\frac{10}{7}b^5c^6d^3$

3)  $\frac{6}{7}rs^4t^2 \times 7$

$60r^2s^6t^6$

5)  $-10pq^3 \times$

$-\frac{5}{4}pq^8r^3$

7)  $-2g^6h \times$

$-128g^{12}h^6$

9)  $\frac{1}{6}w^2x \times -\frac{2}{3}w^2x$

$-\frac{1}{9}w^4x^2$

10)  $-2s^7tu^2 \times -\frac{3}{4}tu^2$

$\frac{3}{2}s^7t^2u^4$

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