



## Exponent and square roots worksheet

$x^5(2x^3)$	$(-6m^2n^2)(3mn)$
$\left(\frac{3x^2}{2}\right)^2$	$y^4 \times \sqrt{\frac{25}{y^8}}$
$\frac{2^8 \times a^5}{4^3 \times a^3}$	$\left[\left(-\frac{3}{4}\right)^{-2}\right]^2$



$$(18)^{\frac{3}{2}} \times (6)^{-\frac{1}{2}} \times \frac{1}{\sqrt{27}}$$

$$\left(2\frac{1}{4}\right)^{-\frac{1}{2}} \times \left(3\frac{3}{8}\right)^{\frac{1}{2}}$$

$$\frac{(2r^{-1}s^2t^0)^{-2}}{2rs}$$

$$\left[\left(\frac{1}{4}\right)^{-3} - \left(\frac{1}{3}\right)^{-3}\right] \div \left(\frac{1}{6}\right)^{-3}$$