

Answer Correctly

1. Simplify $(x^3 y^2)^4 = x \quad y$
2. Simplify $(3u^3 v^5) \times (9u^4 v) : (3^2 uv) = \quad u \quad v$
3. Simplify and express the result in the positive exponent $\left(\frac{2^4 x^3 6}{2^3 x^3 4}\right)^3 = 2 \cdot 3$
4. Simplify and express the result in the positive exponent $\frac{24a^{-7}b^{-2}c}{6a^{-2}b^{-3}c^{-6}}$ adalah...
 a. $\frac{4c^5}{a^3 b^5}$ b. $\frac{4b}{a^5 c^5}$ c. $\frac{4b}{a^3 c}$ d. $\frac{4bc^7}{a^5}$ e. $\frac{4c^7}{a^3 b}$

Answer(ketik optionnya huruf kecil)

5. The simplest form of

$\frac{7x^3 y^{-4} z^{-6}}{84x^{-7} y^{-1} z^{-4}}$	A	B	C	D	E
	$\frac{x^{10} z^{10}}{12y^3}$	$\frac{z^2}{12x^4 y^3}$	$\frac{x^{10}}{12y^3 z^2}$	$\frac{y^3 z^2}{12x^4}$	$\frac{x^{10}}{12y^2 z^3}$

Answer :(ketikkan option)

6. The simplest form of

$\left(\frac{27a^{-5}b^{-3}}{3^5 a^{-7}b^{-5}}\right)^{-1}$	A	B	C	D	E
	$(3ab)^2$	$3(ab)^2$	$9(ab)^2$	$\frac{3}{(ab)^2}$	$\frac{9}{(ab)^2}$

Answer :(ketikkan option)

7. The exponent form of $4\sqrt[3]{2} = 2^{\quad}$
8. The value of $25^{\frac{3}{2}} + 27^{\frac{2}{3}} - 16^{\frac{3}{2}} = \dots\dots$
9. If $x = \frac{1}{3}$ $y = \frac{1}{5}$ and $z = 2$ then the value $\frac{x^{-4}yz^{-2}}{x^{-3}y^2z^{-4}}$ is
 A. 32 B. 60 C. 100 D. 320 E. 640

Answer :(ketikkan optionnya)

10. The value of $\left(\frac{25^{\frac{3}{5}} 2^{\frac{7}{5}}}{16^{\frac{2}{5}} 5^{\frac{4}{5}}}\right)$

A	B	C	D	E
$\frac{2}{5}$	$\frac{8}{25}$	$\frac{4}{25}$	$\frac{8}{125}$	$\frac{4}{125}$

11. The simplest form of $\frac{2x^{-1}+2y^{-1}}{y^{-2}-x^{-2}} = \frac{\dots\dots\dots}{\dots\dots\dots}$