



Praktis Ekstra Sumatif

Bab 1

1. Cari nilai k jika $k^5 = 1\,024$.
Find the value of k if $k^5 = 1\,024$.

Jawapan/ Answer:

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2. Lengkapkan operasi berikut.
Complete the following operation.

Jawapan/ Answer:

$$\left(\frac{3}{5}\right)^{-2} = \boxed{}^2$$
$$= \boxed{}$$

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3. Tulis $16^{\frac{3}{4}}$ dalam bentuk $\sqrt[n]{a^m}$.
Write $16^{\frac{3}{4}}$ in the form $\sqrt[n]{a^m}$.

Jawapan/ Answer:

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4. $36^{\frac{3}{2}} = 6^{\boxed{}}$

Apakah nilai yang mesti ditulis dalam petak?
What is the value must be written in the box?

Jawapan/ Answer:

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5. Permudahkan $\frac{1}{6}m^5 \times 24m$.
Simplify $\frac{1}{6}m^5 \times 24m$.

Jawapan/ Answer:

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6. Diberi $10m^x \div 2m^3 = 5m^6$, cari nilai x .
Given $10m^x \div 2m^3 = 5m^6$, find the value of x .

Jawapan/ Answer:

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7. Diberi $h^3 = 216^{\frac{4}{3}} \times 36^{-\frac{1}{2}}$, cari nilai h .
Given $h^3 = 216^{\frac{4}{3}} \times 36^{-\frac{1}{2}}$, find the value of h .

Jawapan/ Answer:

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8. Permudahkan / Simplify.

$$(t^2)^{-4} \times t^7 \div \frac{1}{t^2}$$

Jawapan/ Answer:

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9. Permudahkan / Simplify.

$$(p^2q^{-1})^{\frac{3}{2}} \div p^3q^{-\frac{1}{2}} \times p^5$$

Jawapan/ Answer:

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10. Permudahkan / Simplify.

$$\frac{9^4 \times 4}{3^{-5} \times 2^4}$$

Jawapan/ Answer: