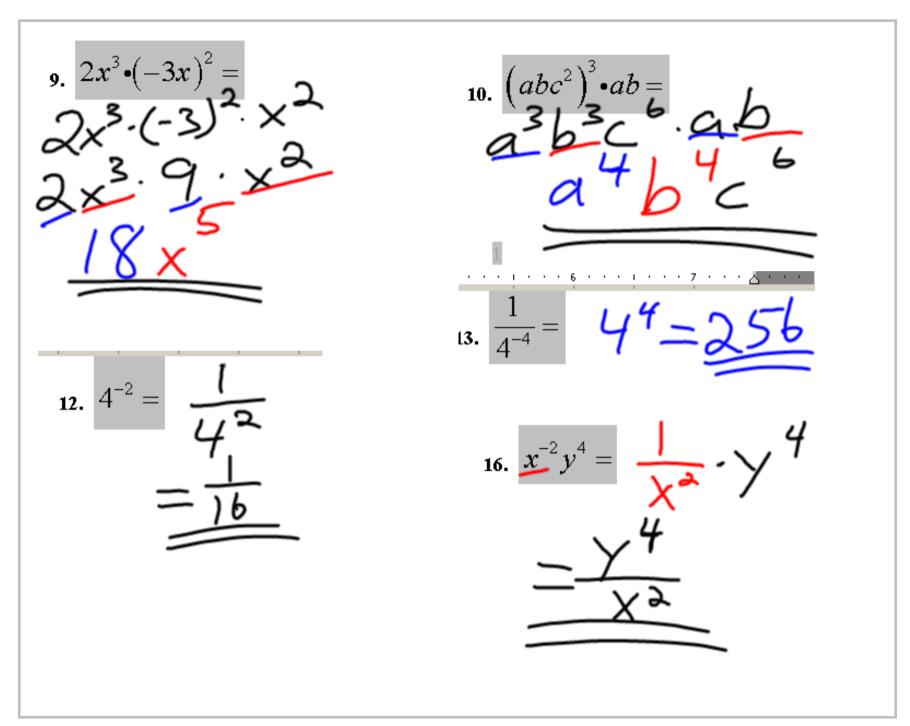
${\bf Matching...}$

T			
T,	Power of a Power	A:	Keep the base, add the exponents.
£	Product of Powers	B:	Find the power of each factor, and multiply.
\overline{c}	Quotient of Powers	C:	Keep the base, subtract the exponents.
B	Power of a Product	D:	Find the power of the numerator, find the power of the denominator, and divide.
$\boldsymbol{\Gamma}$	Nower of a Quotient	F:	Multiply the exponents.

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Use the Quotient of Powers Property to simplify

17.
$$\frac{7^{\circ}}{7^{9}} = 7^{\circ}$$
18. $\frac{a^{3}}{a^{2}} = 7^{\circ}$

$$= 7^{\circ}$$

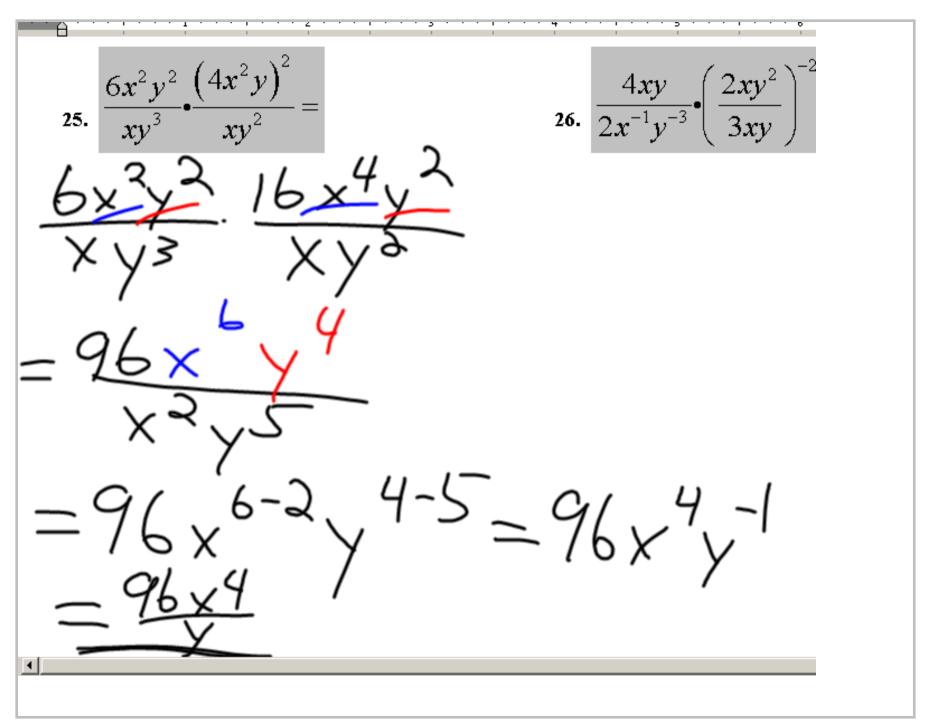
$$= 7^$$

$$x^{3} \cdot \frac{1}{x^{2}} = 21.$$

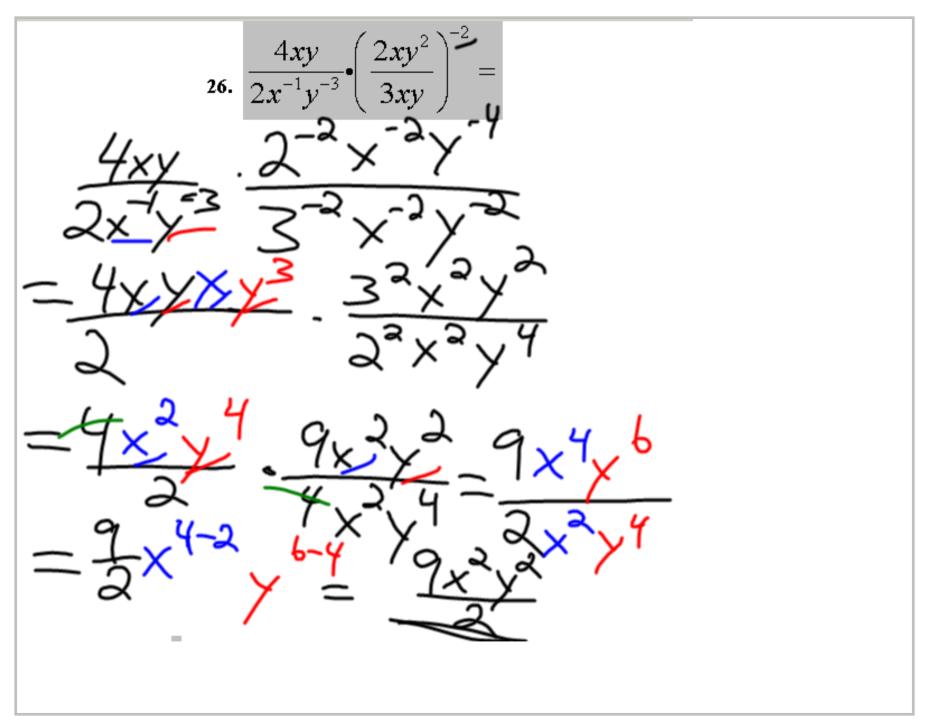
$$x^{3} \cdot \frac{1}{x^{2}} = x^{3} - 2$$

$$22. \left(\frac{x}{y}\right)^5 = \frac{x}{y}$$

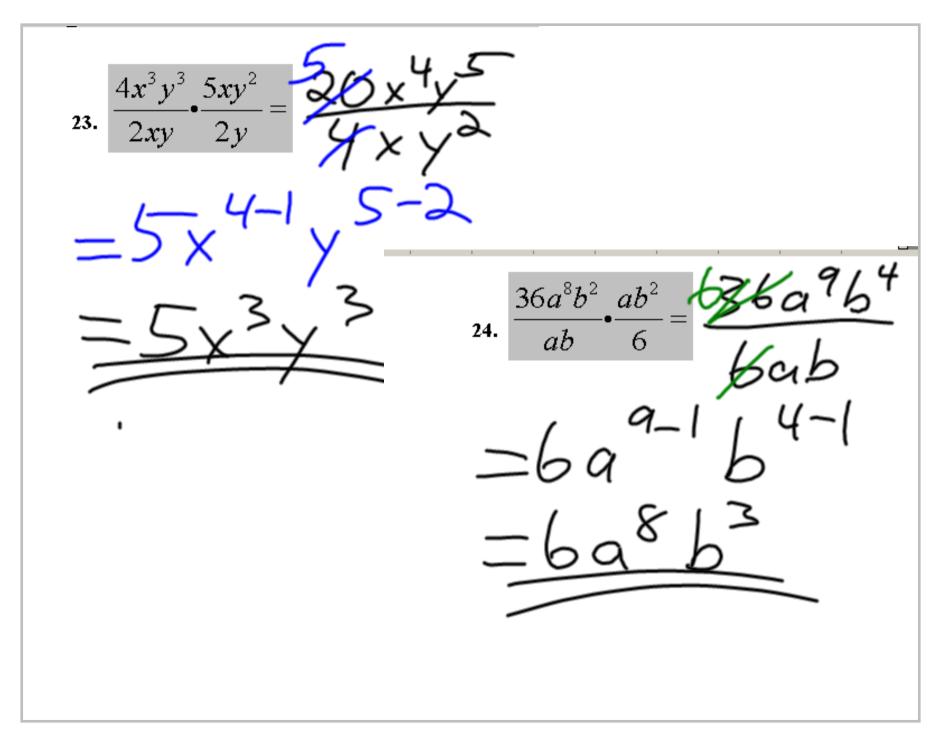
Title: Apr 8 - 2:08 PM (3 of 8)



Title: Apr 8 - 2:21 PM (4 of 8)



Title: Apr 8 - 2:12 PM (5 of 8)



Title: Apr 8 - 2:15 PM (6 of 8)

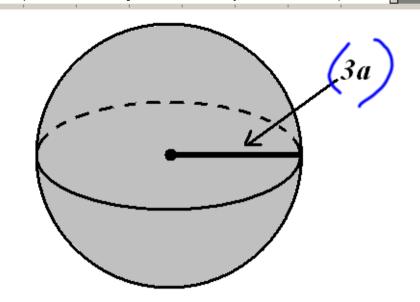
DOHUS:

The Volume $oldsymbol{V}$ of a sphere is given by the formula

$$V = \frac{4}{3}\pi r^2$$
, where r is the radius.

What is the Volume of the sphere in terms of a?

Leave π as a variable. Do not change it to 3.14!



$$V = \frac{4}{3} \pi (3a)^2 = \frac{4}{3} \pi 3^2 a^2 = \frac{4}{3} \pi 3^3 a^2 = \frac{1}{3} \pi 3^3 a^2 = \frac{1}{3} \pi 3^2 a^2 = \frac$$

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Test Corrections Need to Bedone... Stapled on the Back. Everything Turned Backin...