Divide and simplify.

$$\frac{28a^5b^4c^2 + 63a^4b^3c^6}{-7a^3b^4c^2}$$

$$\frac{28a^5b^4c^2 + 63a^4b^3c^6}{-7a^3b^4c^2} = \frac{-4}{a^2} + \frac{-9c^4}{a^3b}$$ (Simplify your answer.)

✓ **Good job!**

OK

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You CAN put the negatives in the numerators of the fractions – so long as you have a + or – sign in between each fraction.

But you can't put the negative in the numerator if you leave out the + sign in between – see the next screen shot for example.

With no + sign, two fractions written side-by-side mean multiply the two fractions.

Homework: 5.5

Overview

11 12 13 14 15 16 17 18 19 20

5.5.29

Ex. Score: 1 of 1 pt

HW Score: 8.82% (3 of 34 pts)

3 of 34 complete

Divide and simplify.

$$\frac{16a^4b^3c^4 + 14a^4b^2c^9}{-2a^6b^3c^4}$$

$$\frac{16a^4b^3c^4 + 14a^4b^2c^9}{-2a^6b^3c^4} = \boxed{\frac{-8}{a^2} \quad \frac{-7c^5}{a^2b}}$$ (Simplify your answer.)

⊗ Sorry, that's not correct.

If A, B, and C are monomials then $\frac{A+B}{C} = \frac{A}{C} + \frac{B}{C}$. Use the quotient rule,

$\frac{a^m}{a^n} = a^{m-n}$, and the negative exponent rule, $a^{-n} = \frac{1}{a^n}$, to simplify each term.

Done

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Enter any number or expression in the edit field, then click Check Answer.

All parts showing

Clear All   Check Answer   Save