

Name _____



Date _____

Fractions

Write each product in lowest terms.

1. $\frac{56h}{21h^3} \times \frac{60h^2}{50h}$	2. $\frac{-3j^2 - 9j}{-9j^4 - 27j^3} \times \frac{-20j^3 + 25j}{-5j}$
3. $\frac{k + 6}{k^2 - k - 20} \times \frac{-9k^3 - 36k^2}{k^2 - 36}$	4. $\frac{d^5 + 8d^4}{27} \times \frac{9d - 27}{d^4}$
5. $\frac{-9j^2}{-3j} \times \frac{5q}{20q^2 - 15q}$	6. $\frac{4f - 12}{f + 3} \times \frac{f^3 + 3f^2 - 2f - 6}{16}$
7. $\frac{-5y}{3y^2 + 2h} \times \frac{12y^2h^2 + 8h^3}{-15y^3 + 30y}$	8. $\frac{k^2 - 5k + 4}{k^2 + 4k - 21} \times \frac{-3k^3 - 21k^2}{k^2 - 16}$
9. $\frac{-12e^3}{-6e} \times \frac{-3r}{-9r^2}$	10. $\frac{-3y}{7d} \times \frac{21d^2}{-15y^2}$
11. $\frac{-5u^2}{-5u} \times \frac{k^3 - 3k}{k^4 - 3k^2}$	12. $\frac{-15p^2 - 18p}{-3p} \times \frac{6b}{18b^2}$
13. $\frac{i^2 + i - 42}{-3i + 6} \times \frac{i^2 - 4}{-2i^3 - 14i^2}$	14. $\frac{-8y^3 - 28y}{-4y} \times \frac{-8g + 3y}{-16g^2 + 6yg}$