

ALGEBRA: Algebraic Fractions: Numerator One Term

 **8091** Watch video and complete examples

Lesson Notes and Examples:

Example 1

$$\frac{8bc}{4b}$$

Example 2

$$\frac{7r^2t}{14rt^2}$$

Example 3

$$\frac{-10xy^2z}{-15yz}$$

Simplify:

1) $\frac{15a}{18a}$
 $\frac{-2x}{-6x^3}$

2) $\frac{-5x^2y^3}{10x^3y^2}$

3) $\frac{-4x^2y}{8xy^2}$



Mark work. [1-4]

5) $\frac{-2qr}{-qr}$

6) $\frac{-5x^2}{10x^4}$
 $\frac{4x^3y^6}{-2x^2y^7}$

7) $\frac{27a^2b^2}{9a^3b}$

8) $\frac{27a^2b^2}{9a^3b}$



Mark work. [5-8]

9) $\frac{2c}{-6d}$

10) $\frac{14x^{14}}{7x^7}$

11) $\frac{-3x^3y^3}{-6x^6y^6}$

12) $\frac{21a^3bc^5}{35ab^2c^3}$



Mark work. [9-12]

13) $\frac{32vw}{8w}$

14) $\frac{-6x^6}{-3x^3}$

15) $\frac{12x^4y}{-18xy}$

16) $\frac{28t^3q^3r^5}{4q^2r^7}$



Mark work. [13-16]

17) $\frac{-42ks}{14k}$

18) $\frac{4x^3}{-8x^7}$

19) $\frac{-10x^5y^{10}}{-25x^2y^5}$

20) $\frac{8x^4yz}{10x^8y^2z^5}$



Mark work. [17-20]