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2)m+5≠0⇒m≠-5⇒m∈(-∞;-5) U (-5;∞)
4)4n-5≠0⇒4n≠5⇒n≠5/4⇒n∈(-∞;5/4) U (5/4;∞)
6)3a-2≠0⇒3a≠2⇒a≠2/3⇒a∈(-∞;2/3) U (2/3;∞)

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2)x/2y=2x/4y
x/2y=xy/2y²
x/2y=2x²/4xy
x/2y=3x³y/6x²y²
x/2y=4xy²/8y³

4)5m/ac=25n/5ac
5m/ac=5ma/a²c
5m/ac=5m²/acm
5m/ac5m³c/ac²m²
5m/ac=5ma²c/2a³c²

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2)(x-3)/(x+3)=(x-3)²/(x²-9)
x/(x-3)=(x²+3x)/(x²-9)

4)(x+1)/x(x-2)=(x+1)(x+2)/x(x2-4)=(x2+3x+2)/(x3-4x)

(4+x)/(x-2)(x+2)=x(4+x)/x(x2-4)=(x2+4x)/(x3-4x)