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(%i1)  $\frac{1}{(7/10-2/20)*5/3} + \frac{(5/4-3/16)/4}{(9/4)}$ ;
(%o1)  $\frac{139}{48}$ 

(%i2)  $[-5x^*y^2-4*y^2*x-(-4*x^*y^2)]+8*x^*y^2-(-2*y^2*x)+[-x^2*y-(3*y^2*x-4*x^2*y)];$ 
(%o2)  $[2xy^2+3x^2y]$ 

(%i3)  $\text{expand}((x+y)^5);$ 
(%o3)  $y^5+5xy^4+10x^2y^3+10x^3y^2+5x^4y+x^5$ 

(%i4)  $P(x) := 3x^5-2x^4+4x^3-2x^2+2x-1;$ 
(%o4)  $P(x) := 3x^5-2x^4+4x^3-2x^2+2x-1$ 

(%i5)  $Q(x) := 4x^4+6x^3-2x^2-x-3;$ 
(%o5)  $Q(x) := 4x^4+6x^3-2x^2-x-3$ 

(%i6)  $P(x) * Q(x);$ 
(%o6)  $(4x^4+6x^3-2x^2-x-3)(3x^5-2x^4+4x^3-2x^2+2x-1)$ 

(%i7)  $\text{expand}(%);$ 
(%o7)  $12x^9+10x^8-2x^7+17x^6-19x^5+14x^4-20x^3+6x^2-5x+3$ 

(%i8)  $\text{factor}(x^4-x^3);$ 
(%o8)  $(x-1)x^3$ 

(%i9)  $\text{factor}(x^2-4*x+3);$ 
(%o9)  $(x-3)(x-1)$ 

(%i10)  $\text{Expression(piMaj)} := 2*piMaj^3+3*piMaj^2-2*piMaj^3-2-piMaj*(-piMaj);$ 
(%o10)  $\text{Expression}(piMaj) := 2piMaj^3+3piMaj^2-2+(-piMaj)(-piMaj)$ 

(%i11)  $\text{Expression}(0.3);$ 
(%o11) -1.64
```