

Compétence travaillée	Difficulté	Socle commun	Nombre d'erreurs
Calculs avec les puissances	★★★★★	✓	

Ecrire sous la forme a^n , le plus simplement possible.

1) $5^{-7} \div 6^{-7} = \square$	2) $7^4 \div 2^4 = \square$	3) $7^1 \div 2^1 = \square$
4) $9^{-6} \div 3^{-6} = \square$	5) $3^{-2} \div 3^{-2} = \square$	6) $2^6 \div 6^6 = \square$
7) $3^0 \div 1^0 = \square$	8) $3^7 \div 6^7 = \square$	9) $2^1 \div 9^1 = \square$
10) $4^6 \div 3^6 = \square$	11) $7^7 \div 2^7 = \square$	12) $9^{-7} \div 5^{-7} = \square$
13) $3^{-9} \div 1^{-9} = \square$	14) $3^8 \div 4^8 = \square$	15) $4^6 \div 9^6 = \square$
16) $4^3 \div 8^3 = \square$	17) $7^{-7} \div 6^{-7} = \square$	18) $7^{-9} \div 2^{-9} = \square$
19) $3^8 \div 7^8 = \square$	20) $5^0 \div 3^0 = \square$	

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1) $5^{-7} \div 6^{-7} = \boxed{(5 \div 6)^{-7}}$	2) $7^4 \div 2^4 = \boxed{(7 \div 2)^4}$	3) $7^1 \div 2^1 = \boxed{7 \div 2}$
4) $9^{-6} \div 3^{-6} = \boxed{3^{-6}}$	5) $3^{-2} \div 3^{-2} = \boxed{1}$	6) $2^6 \div 6^6 = \boxed{(1 \div 3)^6}$
7) $3^0 \div 1^0 = \boxed{1}$	8) $3^7 \div 6^7 = \boxed{(1 \div 2)^7}$	9) $2^1 \div 9^1 = \boxed{2 \div 9}$
10) $4^6 \div 3^6 = \boxed{(4 \div 3)^6}$	11) $7^7 \div 2^7 = \boxed{(7 \div 2)^7}$	12) $9^{-7} \div 5^{-7} = \boxed{(9 \div 5)^{-7}}$
13) $3^{-9} \div 1^{-9} = \boxed{3^{-9}}$	14) $3^8 \div 4^8 = \boxed{(3 \div 4)^8}$	15) $4^6 \div 9^6 = \boxed{(4 \div 9)^6}$
16) $4^3 \div 8^3 = \boxed{(1 \div 2)^3}$	17) $7^{-7} \div 6^{-7} = \boxed{(7 \div 6)^{-7}}$	18) $7^{-9} \div 2^{-9} = \boxed{(7 \div 2)^{-9}}$
19) $3^8 \div 7^8 = \boxed{(3 \div 7)^8}$	20) $5^0 \div 3^0 = \boxed{1}$	