Name _____

Dividing Exponents

Divide each number by multiples of negative powers of ten.

1) $240 \div (8 \times 10^{0}) = 30$ $240 \div (8 \times 10^{-1}) = 300$ $240 \div (8 \times 10^{-2}) = 3000$ $240 \div (8 \times 10^{-3}) = 30000$ $240 \div (8 \times 10^{-4}) = 300000$	2) $390 \div (5 \times 10^{0}) =$ $390 \div (5 \times 10^{-1}) =$ $390 \div (5 \times 10^{-2}) =$ $390 \div (5 \times 10^{-3}) =$ $390 \div (5 \times 10^{-4}) =$
3) $585 \div (3 \times 10^{0}) =$ $585 \div (3 \times 10^{-1}) =$ $585 \div (3 \times 10^{-2}) =$ $585 \div (3 \times 10^{-3}) =$ $585 \div (3 \times 10^{-4}) =$	4) $301 \div (7 \times 10^{0}) =$ $301 \div (7 \times 10^{-1}) =$ $301 \div (7 \times 10^{-2}) =$ $301 \div (7 \times 10^{-3}) =$ $301 \div (7 \times 10^{-4}) =$
5) $2100 \div (6 \times 10^{0}) =$ $2100 \div (6 \times 10^{-1}) =$ $2100 \div (6 \times 10^{-2}) =$ $2100 \div (6 \times 10^{-3}) =$ $2100 \div (6 \times 10^{-4}) =$	6) $12 \div (4 \times 10^{0}) =$ $12 \div (4 \times 10^{-1}) =$ $12 \div (4 \times 10^{-2}) =$ $12 \div (4 \times 10^{-3}) =$ $12 \div (4 \times 10^{-4}) =$
7) $144 \div (12 \times 10^{0}) =$ $144 \div (12 \times 10^{-1}) =$ $144 \div (12 \times 10^{-2}) =$ $144 \div (12 \times 10^{-3}) =$ $144 \div (12 \times 10^{-4}) =$	8) $1080 \div (9 \times 10^{0}) =$ $1080 \div (9 \times 10^{-1}) =$ $1080 \div (9 \times 10^{-2}) =$ $1080 \div (9 \times 10^{-3}) =$ $1080 \div (9 \times 10^{-4}) =$