

Name _____

Dividing Exponents

Divide each number by multiples of positive powers of ten.

1) $356 \div (4 \times 10^0) = 89$ $356 \div (4 \times 10^1) = 8.9$ $356 \div (4 \times 10^2) = 0.89$ $356 \div (4 \times 10^3) = 0.089$ $356 \div (4 \times 10^4) = 0.0089$	2) $595 \div (7 \times 10^0) = 85$ $390 \div (7 \times 10^1) = 8.5$ $390 \div (7 \times 10^2) = 0.85$ $390 \div (7 \times 10^3) = 0.085$ $390 \div (7 \times 10^4) = 0.0085$
3) $585 \div (5 \times 10^0) = 117$ $585 \div (5 \times 10^1) = 11.7$ $585 \div (5 \times 10^2) = 1.17$ $585 \div (5 \times 10^3) = 0.117$ $585 \div (5 \times 10^4) = 0.0117$	4) $225 \div (3 \times 10^0) = 75$ $225 \div (3 \times 10^1) = 7.5$ $225 \div (3 \times 10^2) = 0.75$ $225 \div (3 \times 10^3) = 0.075$ $225 \div (3 \times 10^4) = 0.0075$
5) $178 \div (2 \times 10^0) = 89$ $178 \div (2 \times 10^1) = 8.9$ $178 \div (2 \times 10^2) = 0.89$ $178 \div (2 \times 10^3) = 0.089$ $178 \div (2 \times 10^4) = 0.0089$	6) $912 \div (6 \times 10^0) = 152$ $912 \div (6 \times 10^1) = 15.2$ $912 \div (6 \times 10^2) = 1.52$ $912 \div (6 \times 10^3) = 0.152$ $912 \div (6 \times 10^4) = 0.0152$
7) $144 \div (8 \times 10^0) = 18$ $144 \div (8 \times 10^1) = 1.8$ $144 \div (8 \times 10^2) = 0.18$ $144 \div (8 \times 10^3) = 0.018$ $144 \div (8 \times 10^4) = 0.0018$	8) $3825 \div (15 \times 10^0) = 225$ $3825 \div (15 \times 10^1) = 22.5$ $3825 \div (15 \times 10^2) = 2.25$ $3825 \div (15 \times 10^3) = 0.225$ $3825 \div (15 \times 10^4) = 0.0225$