

Name _____

Dividing Exponents

Divide each number by multiples of positive powers of ten.

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|--|---|
| 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) $595 \div (7 \times 10^0) =$ $390 \div (7 \times 10^1) =$ $390 \div (7 \times 10^2) =$ $390 \div (7 \times 10^3) =$ $390 \div (7 \times 10^4) =$ |
| 3) $585 \div (5 \times 10^0) =$ $585 \div (5 \times 10^1) =$ $585 \div (5 \times 10^2) =$ $585 \div (5 \times 10^3) =$ $585 \div (5 \times 10^4) =$ | 4) $225 \div (3 \times 10^0) =$ $225 \div (3 \times 10^1) =$ $225 \div (3 \times 10^2) =$ $225 \div (3 \times 10^3) =$ $225 \div (3 \times 10^4) =$ |
| 5) $178 \div (2 \times 10^0) =$ $178 \div (2 \times 10^1) =$ $178 \div (2 \times 10^2) =$ $178 \div (2 \times 10^3) =$ $178 \div (2 \times 10^4) =$ | 6) $912 \div (6 \times 10^0) =$ $912 \div (6 \times 10^1) =$ $912 \div (6 \times 10^2) =$ $912 \div (6 \times 10^3) =$ $912 \div (6 \times 10^4) =$ |
| 7) $144 \div (8 \times 10^0) =$ $144 \div (8 \times 10^1) =$ $144 \div (8 \times 10^2) =$ $144 \div (8 \times 10^3) =$ $144 \div (8 \times 10^4) =$ | 8) $3825 \div (15 \times 10^0) =$ $3825 \div (15 \times 10^1) =$ $3825 \div (15 \times 10^2) =$ $3825 \div (15 \times 10^3) =$ $3825 \div (15 \times 10^4) =$ |