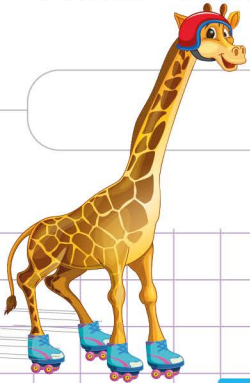


Name: Class:



Understanding negative exponents

In each case, solve and tick the correct answer.

$10^{-4} = ?$	<input type="checkbox"/> $\frac{1}{10^4}$	$\frac{1}{15^5} = ?$	<input type="checkbox"/> 15^5	$1,000^{-10} = ?$	<input type="checkbox"/> $\frac{1}{1,000^{10}}$
	<input type="checkbox"/> -10^4		<input type="checkbox"/> 15^{-5}		<input type="checkbox"/> $\frac{1,000^{10}}{1}$

$\frac{1}{33^{-7}} = ?$	<input type="checkbox"/> 33^7	$2,500^{-5} = ?$	<input type="checkbox"/> $\frac{1}{2,500^{-5}}$	$\frac{1}{17^8} = ?$	<input type="checkbox"/> 17^{-8}
	<input type="checkbox"/> 7^{33}		<input type="checkbox"/> $\frac{1}{2,500^5}$		<input type="checkbox"/> 17^8

$\frac{1}{9^{-9}} = ?$	<input type="checkbox"/> 9^9	$15^{-7} = ?$	<input type="checkbox"/> $\frac{1}{15^7}$	$\frac{1}{203^{-8}} = ?$	<input type="checkbox"/> 203^8
	<input type="checkbox"/> -9^{-9}		<input type="checkbox"/> $\frac{15^7}{1}$		<input type="checkbox"/> 203^{-8}

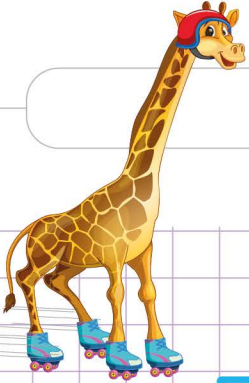
$\frac{1}{17^{-3}} = ?$	<input type="checkbox"/> 3^{17}	$25^{-5} = ?$	<input type="checkbox"/> $\frac{1}{250^{-5}}$	$5^{-1} = ?$	<input type="checkbox"/> $\frac{1}{5^{-5}}$
	<input type="checkbox"/> 17^3		<input type="checkbox"/> $\frac{1}{25^5}$		<input type="checkbox"/> $\frac{1}{5^1}$

$50^{-5} = ?$	<input type="checkbox"/> $\frac{1}{50^5}$	$100^{-10} = ?$	<input type="checkbox"/> $\frac{1}{100^{10}}$	$\frac{1}{1^{-9}} = ?$	<input type="checkbox"/> 1^{-9}
	<input type="checkbox"/> $\frac{5}{50^5}$		<input type="checkbox"/> $\frac{1}{100^{-10}}$		<input type="checkbox"/> 1^9

$\frac{1}{(10,000)^{-4}} = ?$	<input type="checkbox"/> $10,000^4$	$69^{-6} = ?$	<input type="checkbox"/> $\frac{1}{69^6}$	$\frac{1}{25^{-25}} = ?$	<input type="checkbox"/> 25^{-25}
	<input type="checkbox"/> $1,000^4$		<input type="checkbox"/> $\frac{1}{69^{-6}}$		<input type="checkbox"/> 25^{25}



Name: Class:



Understanding negative exponents

► In each case, solve and tick the correct answer.

$10^{-4} = ?$	<input checked="" type="checkbox"/> $\frac{1}{10^4}$	$\frac{1}{15^5} = ?$	<input type="checkbox"/> 15^5	$1,000^{-10} = ?$	<input checked="" type="checkbox"/> $\frac{1}{1,000^{10}}$
	<input type="checkbox"/> -10^4		<input checked="" type="checkbox"/> 15^{-5}		<input type="checkbox"/> $\frac{1,000^{10}}{1}$

$\frac{1}{33^{-7}} = ?$	<input checked="" type="checkbox"/> 33^7	$2,500^{-5} = ?$	<input type="checkbox"/> $\frac{1}{2,500^{-5}}$	$\frac{1}{17^8} = ?$	<input checked="" type="checkbox"/> 17^{-8}
	<input type="checkbox"/> 7^{33}		<input checked="" type="checkbox"/> $\frac{1}{2,500^5}$		<input type="checkbox"/> 17^8

$\frac{1}{9^{-9}} = ?$	<input checked="" type="checkbox"/> 9^9	$15^{-7} = ?$	<input checked="" type="checkbox"/> $\frac{1}{15^7}$	$\frac{1}{203^{-8}} = ?$	<input checked="" type="checkbox"/> 203^8
	<input type="checkbox"/> -9^{-9}		<input type="checkbox"/> $\frac{15^7}{1}$		<input type="checkbox"/> 203^{-8}

$\frac{1}{17^{-3}} = ?$	<input type="checkbox"/> 3^{17}	$25^{-5} = ?$	<input type="checkbox"/> $\frac{1}{250^{-5}}$	$5^{-1} = ?$	<input type="checkbox"/> $\frac{1}{5^{-5}}$
	<input checked="" type="checkbox"/> 17^3		<input checked="" type="checkbox"/> $\frac{1}{25^5}$		<input checked="" type="checkbox"/> $\frac{1}{5^1}$

$50^{-5} = ?$	<input checked="" type="checkbox"/> $\frac{1}{50^5}$	$100^{-10} = ?$	<input checked="" type="checkbox"/> $\frac{1}{100^{10}}$	$\frac{1}{1^{-9}} = ?$	<input type="checkbox"/> 1^{-9}
	<input type="checkbox"/> $\frac{5}{50^5}$		<input type="checkbox"/> $\frac{1}{100^{-10}}$		<input checked="" type="checkbox"/> 1^9

$\frac{1}{(10,000)^{-4}} = ?$	<input checked="" type="checkbox"/> $10,000^4$	$69^{-6} = ?$	<input checked="" type="checkbox"/> $\frac{1}{69^6}$	$\frac{1}{25^{-25}} = ?$	<input type="checkbox"/> 25^{-25}
	<input type="checkbox"/> $1,000^4$		<input type="checkbox"/> $\frac{1}{69^{-6}}$		<input checked="" type="checkbox"/> 25^{25}

