Multiplying a Whole Number by a Power of Ten

Name: _____ Score: _____

Solve the following problems.

$25 \times 10^{2} =$	$15 \times 10^{1} =$	
$25 \times 10^{1} =$	$15 \times 10^{3} =$	
$25 \times 10^{3} =$	$15 \times 10^{2} =$	
$12 \times 10^{1} =$	$23 \times 10^{3} =$	$40 \times 10^{2} =$
$12 \times 10^{2} =$	$23 \times 10^{2} =$	$50 \times 10^{3} =$
$12 \times 10^{3} =$	$23 \times 10^{1} =$	$70 \times 10^{1} =$
$17 \times 10^{1} =$	$29 \times 10^{3} =$	$30 \times 10^{2} =$
$17 \times 10^{2} =$	$29 \times 10^{2} =$	$50 \times 10^{0} =$
$17 \times 10^{3} =$	$29 \times 10^{1} =$	$20 \times 10^{0} =$

Answers

Solve the following problems.

$25 \times 10^{2} = 2{,}500$	$15 \times 10^{1} = 150$	
$25 \times 10^{1} = 250$	$15 \times 10^{3} = 15{,}000$	
$25 \times 10^{3} = 25{,}000$	$15 \times 10^{2} = 1{,}500$	
$12 \times 10^{1} = 120$	$23 \times 10^{3} = 23{,}000$	$40 \times 10^{2} = 4{,}000$
$12 \times 10^{2} = 1{,}200$	$23 \times 10^{2} = 2{,}300$	$50 \times 10^{3} = 50{,}000$
$12 \times 10^{3} = 12{,}000$	$23 \times 10^{1} = 230$	$70 \times 10^{1} = 700$
$17 \times 10^{1} = 170$	$29 \times 10^{3} = 29{,}000$	$30 \times 10^{2} = 3{,}000$
$17 \times 10^{2} = 1{,}700$	$29 \times 10^{2} = 2{,}900$	$50 \times 10^{0} = 50$
$17 \times 10^{3} = 17{,}000$	$29 \times 10^{1} = 290$	$20 \times 10^{0} = 20$