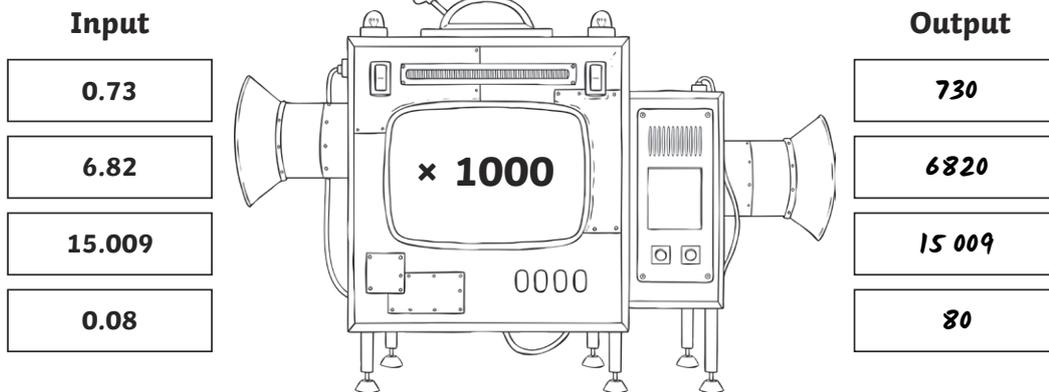




- 1) a) $2.304 \times 10 = 23.04$, $2.304 \times 100 = 230.4$, $2.304 \times 1000 = 2304$
 b) $0.057 \times 10 = 0.57$, $0.057 \times 100 = 5.7$, $0.057 \times 1000 = 57$
 c) $10.201 \times 10 = 102.01$, $10.201 \times 100 = 1020.1$, $10.201 \times 1000 = 10201$

2)



1) a) $0.5 \times 10 = 5$ <i>true</i>	b) $5.6 \times 100 = 56$ <i>false</i>	c) $0.65 \times 1000 = 650$ <i>true</i>
d) $3.05 \times 100 = 305$ <i>true</i>	e) $50.3 \times 10 = 5.03$ <i>false</i>	f) $0.005 \times 1000 = 50\ 000$ <i>false</i>



Accept answers that explain the correct place value movement of the digits to the left. For example, $0.5 \times 10 = 5$ is true because when we multiply by ten the digits move one place to the left so the five moves from the tenths column and becomes five ones.

2) $24.5 \times 10 < 24.9 \times 100 < 0.251 \times 1000$

Incorrect as 251 is not greater than 2490. Accept various answers that make the statements correct. For example, change the middle statement into $24.9 \times 10 = 249$ so that

$245 < 249 < 251$.

$76 \times 100 > 0.07 \times 1000 < 0.69 \times 100$

Incorrect. $76 > 70$ but 69 is not > 70 . Accept various answers that make the statements correct. For example, change the last statement into $0.69 \times 1000 = 690$ so that

$76 > 70 < 690$.

- 3) Incorrect. $\pounds 7.50 \times 10$ weeks = $\pounds 75$. If Francis doubles this amount for 20 weeks she will have $\pounds 150$, which isn't enough to buy the television because $\pounds 150$ is less than $\pounds 175$.



1)

$0.5 \times 5 = 2.5$				
$0.5 \times 10 = 5$	$5 \times 10 = 50$			
$0.5 \times 20 = 10$	$5 \times 20 = 100$	$10 \times 20 = 200$		
$0.5 \times 50 = 25$	$5 \times 50 = 250$	$10 \times 50 = 500$	$20 \times 50 = 1000$	
$0.5 \times 100 = 50$	$5 \times 100 = 500$	$10 \times 100 = 1000$	$20 \times 100 = 2000$	$50 \times 100 = 5000$
$0.5 \times 500 = 250$	$5 \times 500 = 2500$	$10 \times 500 = 5000$	$20 \times 500 = 10\ 000$	$50 \times 500 = 25\ 000$
$0.5 \times 1000 = 500$	$5 \times 1000 = 5000$	$10 \times 1000 = 10\ 000$	$20 \times 1000 = 20\ 000$	$50 \times 1000 = 50\ 000$
$0.5 \times 5000 = 2500$	$5 \times 5000 = 25\ 000$	$10 \times 5000 = 50\ 000$	$20 \times 5000 = 100\ 000$	$50 \times 5000 = 250\ 000$
$0.5 \times 10\ 000 = 5000$	$5 \times 10\ 000 = 50\ 000$	$10 \times 10\ 000 = 500\ 000$	$20 \times 10\ 000 = 200\ 000$	$50 \times 10\ 000 = 500\ 000$

$100 \times 500 = 50\ 000$			
$100 \times 1000 = 100\ 000$	$500 \times 1000 = 500\ 000$		
$100 \times 5000 = 500\ 000$	$500 \times 5000 = 2\ 500\ 000$	$1000 \times 5000 = 5\ 000\ 000$	
$100 \times 10\ 000 = 1\ 000\ 000$	$500 \times 10\ 000 = 5\ 000\ 000$	$1000 \times 10\ 000 = 10\ 000\ 000$	$5000 \times 10\ 000 = 50\ 000\ 000$

- 2) b) $\times 10, \div 100, \div 10, \div 1000, \times 10$
 c) $\times 100, \div 10, \times 100, \times 1000, \times 10$
 d) $\times 10, \div 10, \times 1000, \div 1000, \div 10, \times 1000, \div 100$