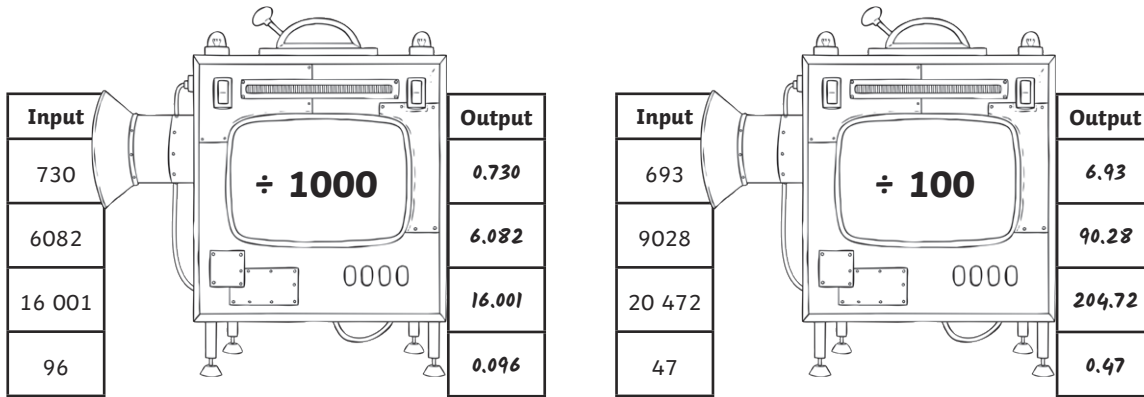




- 1)  $2304 \div 10 = 230.4$ ,  $2304 \div 100 = 23.04$ ,  $2304 \div 1000 = 2.304$   
 $4057 \div 10 = 405.7$ ,  $4057 \div 100 = 40.57$ ,  $4057 \div 1000 = 4.057$   
 $420 \div 10 = 42$ ,  $420 \div 100 = 4.2$ ,  $420 \div 1000 = 0.42$

2)



1) *Correct.*

$$6.705 \times 100 = 670.5$$

$$670.5 + 0.1 = 670.6$$

$$670.6 \times 3 = 2011.8$$

$$2011.8 \div 10 = 201.18$$

2) *Incorrect. This can be calculated by using the inverse operations and working back through the problem from the answer to the starting number.*

$$0.907 \times 100 = 90.7$$

$$90.7 - 50 = 40.7$$

*She is incorrect because 40.7 was not the starting number.*

3) *Sometimes true. When most three-digit numbers are divided by 100, the answer will be a decimal, e.g.  $456 \div 100 = 4.56$ . When multiples of 100 are divided by 100, the answer will be a one-digit whole number, e.g.  $600 \div 100 = 6$ .*





1)

44.5	1000	0.0445	100	33.5	1000	43	10	4.3	42.5
10	4	10	0.4	100	10	35	100	1000	10
17	4	1000	0.004	0.335	100	100	1000	10	4.25
1000	6	100	0.06	100	13	0.35	100	1000	10
0.017	10	100	1000	10	1000	100	32.5	1000	0.0325
100	44.5	10	100	9.5	0.013	22	100	0.22	1000
1000	1000	28.5	10	1000	100	10	1000	43.5	10
45.5	0.0445	1000	1000	0.0095	10	39.5	10	100	1000
1000	10	0.0285	48	10	4.8	100	100	0.435	10
0.0455	1000	1	1000	0.001	100	0.395	33	1000	0.033

$$44.5 \div 1000 = 0.0445$$

$$33.5 \div 100 = 0.335$$

$$43 \div 10 = 4.3$$

$$42.5 \div 10 = 4.25$$

$$4 \div 10 = 0.4$$

$$35 \div 100 = 0.35$$

$$17 \div 1000 = 0.017$$

$$4 \div 1000 = 0.004$$

$$6 \div 100 = 0.06,$$

$$13 \div 1000 = 0.013$$

$$32.5 \div 1000 = 0.0325$$

$$44.5 \div 1000 = 0.0445$$

$$9.5 \div 1000 = 0.0095$$

$$28.5 \div 1000 = 0.0285$$

$$22 \div 100 = 0.22$$

$$43.5 \div 100 = 0.435$$

$$1 \div 1000 = 0.001,$$

$$33 \div 1000 = 0.033$$

$$45.5 \div 1000 = 0.0455$$

$$48 \div 10 = 4.8$$

$$39.5 \div 100 = 0.395$$