

# Homework Sheet 23: Multiplying/Dividing By 10 or 100

Examples	$2.36 \times 10 = 23.6$	$48 \div 10 = 4.8$
	$2.36 \times 100 = 236$	$48 \div 100 = 0.48$
	$3.2 \times 10 = 32$	$5 \div 10 = 0.5$
	$3.2 \times 100 = 320$	$5 \div 100 = 0.05$

Work out

- |                                  |                                  |                               |
|----------------------------------|----------------------------------|-------------------------------|
| <b>1</b> $2.7 \times 10$ .....   | <b>5</b> $44.5 \times 10$ .....  | <b>9</b> $4 \div 10$ .....    |
| <b>2</b> $3.1 \times 100$ .....  | <b>6</b> $0.69 \times 100$ ..... | <b>10</b> $28 \div 100$ ..... |
| <b>3</b> $1.38 \times 10$ .....  | <b>7</b> $12 \div 10$ .....      | <b>11</b> $73 \div 10$ .....  |
| <b>4</b> $1.72 \times 100$ ..... | <b>8</b> $7 \div 100$ .....      | <b>12</b> $6 \div 100$ .....  |

Complete by writing the missing numbers.

- |                                      |  |
|--------------------------------------|--|
| <b>13</b> $3.5 \times \square = 35$  | <b>19</b> $6 \div \square = 0.6$       |
| <b>14</b> $\square \times 100 = 96$  | <b>20</b> $\square \div 100 = 0.35$    |
| <b>15</b> $14 \div \square = 0.14$   | <b>21</b> $1.88 \times \square = 18.8$ |
| <b>16</b> $\square \div 10 = 4.8$    | <b>22</b> $\square \times 100 = 615$   |
| <b>17</b> $5.1 \times \square = 510$ | <b>23</b> $2 \div \square = 0.02$      |
| <b>18</b> $\square \times 10 = 263$  | <b>24</b> $\square \div 10 = 3.9$      |

Complete each table.

**25**

$\times 10$	
0.5	$\rightarrow$ 5
0.47	$\rightarrow$
	$\rightarrow$ 9.3
2.6	$\rightarrow$
	$\rightarrow$ 8
0.09	$\rightarrow$
	$\rightarrow$ 0.1

**26**

$\div 10$	
1.8	$\rightarrow$ 0.18
	$\rightarrow$ 0.55
22	$\rightarrow$
	$\rightarrow$ 7.9
0.3	$\rightarrow$
	$\rightarrow$ 0.3
21.4	$\rightarrow$

**27**

$\times 100$	
6.8	$\rightarrow$ 680
	$\rightarrow$ 159
0.25	$\rightarrow$
	$\rightarrow$ 34
0.03	$\rightarrow$
	$\rightarrow$ 70
4.5	$\rightarrow$