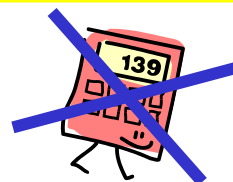


Before you start:

Have a go at these:

- a) 8.26×10 b) 15.31×100 c) 1.253×1000 d) 5.03×10



5. Dividing by 10, 100 and 1000 (Part 1)

How to ...

★ 2500 is the same as 2500.0

↖ You can put as many 0's after the decimal point as you want!

$$2500 \div 10$$

To divide by 10 every digit
moves 1 place to the right
...LEAVE THE DECIMAL POINT
WHERE IT IS....

ooh bossy! →

$$\begin{array}{r} 2500.0 \\ \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \\ 250.000 \end{array}$$

any 0's after the decimal point can be ignored

$$= \underline{\underline{250}}$$

$$2500 \div 100$$

To divide by 100 every digit
moves 2 places to the right
...LEAVE THE DECIMAL POINT
WHERE IT IS....

yes! that's an order! →

$$\begin{array}{r} 2500.0 \\ \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \\ 25.00 \end{array}$$

any 0's after the decimal point can be ignored

$$= \underline{\underline{25}}$$

$$2500 \div 1000$$

To divide by 1000 every digit
moves 3 places to the right
...LEAVE THE DECIMAL POINT
WHERE IT IS....

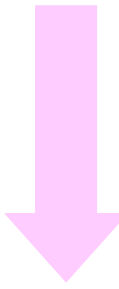
basically...you don't move the decimal! →

$$\begin{array}{r} 2500.0 \\ \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \\ 2.5000 \end{array}$$

any 0's after the decimal point can be ignored

$$= \underline{\underline{2.5}}$$

Now have a go ... (if the answer isn't in the answer box ... Try again!)



1. $60 \div 10$

2. $50 \div 10$

3. $80 \div 10$

4. $600 \div 10$

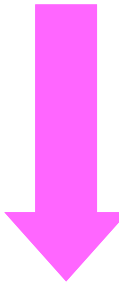
5. $250 \div 10$

6. $680 \div 10$

7. $6600 \div 10$

8. $2600 \div 10$

9. $68,000 \div 10$



1. $700 \div 100$

2. $900 \div 100$

3. $1000 \div 100$

4. $1700 \div 100$

5. $9,900 \div 100$

6. $1900 \div 100$

7. $6700 \div 100$

8. $10000 \div 100$

9. $6926 \div 100$



1. $12000 \div 1000$

2. $82000 \div 1000$

3. $1200 \div 1000$

4. $12900 \div 1000$

5. $85600 \div 1000$

6. $1299 \div 1000$

7. $52940 \div 1000$

8. $334900 \div 1000$

9. $2222 \div 1000$



1. $54 \div 10$

2. $173 \div 100$

3. $735 \div 100$

4. $6341 \div 100$

5. $7431 \div 1000$

6. $1090 \div 100$

7. $8127 \div 10$

8. $7543 \div 1000$

9. $1090 \div 1000$

ANSWERS

68	69.26	17	2.222	100	260
7.35	5	1.299	660	67	82
9	7.431	1.73	1.2	8	12.9
1.09	6,800	6	99	334.9	812.7
7.543	52.94	85.6	63.41	12	19
25	10.9	7	60	5.4	10

