

Divide by 10, 100 and 1000

$457 \div 10$   
 Th H T O ↑ h th  
 $457 \rightarrow 45.7$   
 Makes the number 10 times smaller.  
 Move each digit one place to the right.

$457 \div 100$   
 Th H T O ↑ h th  
 $457 \rightarrow 4.57$   
 Makes the number 100 times smaller.  
 Move each digit two places to the right.

$457 \div 1000$   
 Th H T O ↑ h th  
 $457 \rightarrow 0.457$   
 Makes the number 1000 times smaller.  
 Move each digit three places to the right.

- 1) Lay out the number
- 2) Work out the number of places the digits need to move.
- 3) Move each digit, adding in zeroes as placeholders.

1)  $4.3 \div 1000 =$  \_\_\_\_\_

2)  $0.9 \div 1000 =$  \_\_\_\_\_

3)  $3.1 \div 10 =$  \_\_\_\_\_

4)  $4.2 \div 10 =$  \_\_\_\_\_


5)  $7.3 \div 10 =$  \_\_\_\_\_

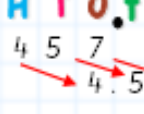
6)  $6.7 \div 10 =$  \_\_\_\_\_

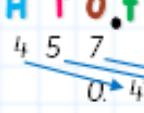
7)  $4.6 \div 100 =$  \_\_\_\_\_

8)  $8.1 \div 10 =$  \_\_\_\_\_

Divide by 10, 100 and 1000

4 5 7 ÷ 1 0      Makes the number 10 times smaller.  
 Th H T O ↑ h th      Move each digit one place to the right.  


4 5 7 ÷ 1 0 0      Makes the number 100 times smaller.  
 Th H T O ↑ h th      Move each digit two places to the right.  


4 5 7 ÷ 1 0 0 0      Makes the number 1000 times smaller.  
 Th H T O ↑ h th      Move each digit three places to the right.  


- 1) Lay out the number
- 2) Work out the number of places the digits need to move.
- 3) Move each digit, adding in zeroes as placeholders.

1)  $4.3 \div 100 =$  \_\_\_\_\_

2)  $2.9 \div 1000 =$  \_\_\_\_\_

3)  $6.4 \div 100 =$  \_\_\_\_\_

4)  $8.6 \div 1000 =$  \_\_\_\_\_

5)  $4.2 \div 100 =$  \_\_\_\_\_

6)  $2.6 \div 100 =$  \_\_\_\_\_

7)  $3.6 \div 100 =$  \_\_\_\_\_

8)  $9.5 \div 100 =$  \_\_\_\_\_

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 $457 \rightarrow 4.57$   
 Makes the number 100 times smaller.  
 Move each digit two places to the right.

$457 \div 1000$   
 Th H T O ↑ h th  
 $457 \rightarrow 0.457$   
 Makes the number 1000 times smaller.  
 Move each digit three places to the right.

- 1) Lay out the number
- 2) Work out the number of places the digits need to move.
- 3) Move each digit, adding in zeroes as placeholders.

1)  $8.9 \div 1000 =$  \_\_\_\_\_

2)  $2.9 \div 100 =$  \_\_\_\_\_

3)  $1.1 \div 100 =$  \_\_\_\_\_

4)  $4.7 \div 100 =$  \_\_\_\_\_

5)  $4.0 \div 100 =$  \_\_\_\_\_

6)  $6.4 \div 1000 =$  \_\_\_\_\_

7)  $7.5 \div 1000 =$  \_\_\_\_\_

8)  $8.7 \div 1000 =$  \_\_\_\_\_

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 $457 \rightarrow 4.57$   
 Makes the number 100 times smaller.  
 Move each digit two places to the right.

$457 \div 1000$   
 Th H T O ↑ h th  
 $457 \rightarrow 0.457$   
 Makes the number 1000 times smaller.  
 Move each digit three places to the right.

- 1) Lay out the number
- 2) Work out the number of places the digits need to move.
- 3) Move each digit, adding in zeroes as placeholders.

1)  $0.8 \div 10 =$  \_\_\_\_\_

2)  $6.6 \div 1000 =$  \_\_\_\_\_

3)  $2.2 \div 1000 =$  \_\_\_\_\_

4)  $4.8 \div 100 =$  \_\_\_\_\_

5)  $9.0 \div 1000 =$  \_\_\_\_\_

6)  $0.3 \div 1000 =$  \_\_\_\_\_

7)  $6.3 \div 10 =$  \_\_\_\_\_

8)  $1.5 \div 100 =$  \_\_\_\_\_

## Divide by 10, 100 and 1000– question 7

### Sheet 1

1) 0.0043

2) 0.0009

3) 0.31

4) 0.42

5) 0.73

6) 0.67

7) 0.046

8) 0.81

### Sheet 2

1) 0.043

2) 0.0029

3) 0.064

4) 0.0086

5) 0.042

6) 0.026

7) 0.036

8) 0.095

### Sheet 3

1) 0.0089

2) 0.029

3) 0.011

4) 0.047

5) 0.04

6) 0.0064

7) 0.0075

8) 0.0087

### Sheet 4

1) 0.08

2) 0.0066

3) 0.0022

4) 0.048

5) 0.009

6) 0.0003

7) 0.63

8) 0.015