

Decimal fractions

Place value practice with tenths

We are learning to use tenths

Example: Fill in your worksheet as shown

Example: 345.6

100	10	1	$\frac{1}{10}$
3	4	5	6

Expanded number: $300 + 40 + 5 + 6/10$

Exercise 1

What to do

- 1) Fill in your worksheet
- 2) Then expand your number

- | | | |
|-----------|-------------|------------|
| 1) 34.5 | (2) 8.7 | (3) 2.1 |
| 4) 18.9 | (5) 23.8 | (6) 1.6 |
| 7) 0.5 | (8) 0.2 | (9) 3.9 |
| 10) 15.2 | (11) 15 | (12) 674 |
| 13) 1023 | (14) 1045.6 | (15) 300.1 |
| 16) 89.4 | (17) 0.9 | (18) 0.3 |
| 19) 104.3 | (20) 100.5 | |

Question	1000	100	10	1	$\frac{1}{10}$	Expanded number
1.						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

Exercise 2

What to do:

Write the expanded numbers as a decimal fraction

Question	100	10	1	1/10	Decimal fraction
A	4		3		
B		8	9		
C	2	3	4	6	
D	3		6		
E					
F		7		1	
G	6				
H			3	8	
I	8	2	4	5	
J	3		1		
K	2	3	5	9	

Exercise 3

Underline the tenths in each question

- | | | |
|-----------|-------------|------------|
| 1) 34.6 | (2) 78 | (3) 345.9 |
| 4) 1234.6 | (5) 67.9 | (6) 0.012 |
| 7) 59.345 | (8) 12345.8 | (9) 456.67 |
| 10) 12.89 | (11) 0.897 | (12) 21.21 |

Exercise 4

Highlight the digit in the tens place

1) 24 741

(2) 18 932

(3) 78.043

4) 567.15

(5) 4536. 407

Exercise 5

Add one tenth ($\frac{1}{10}$) to each of these numbers

1) 0.7

(2) 0.3

(3) 12.0

4) 24.4

(5) 12.6

(6) 168.4

7) 2145.2

(8) 0.9

(9) 23.9

Exercise 6

Take one tenth ($\frac{1}{10}$) from each of these numbers

1) 39.6

(2) 32.1

(3) 123.7

4) 0.89

(5) 45.6

(6) 56.1

7) 286. 2

(8) 39.1

(9) 8.2

10) 478.30