

# Worksheet: Multiplying Decimals by Powers of Ten



**Q1:** Calculate  $52.35 \times 10$ .

A 5.235

B 524

C 5,235

D 0.5235

E 523.5



Question Video

**Q2:** Complete the following table:

Number	Number $\times 10$	Number $\times 100$	Number $\times 1,000$
13.7319			

A 1,373.19, 13,731.9, 137,319

B 1.37319, 0.137319, 0.0137319

C 137.319, 1,373.19, 13,731.9

D 137.319, 1,373.19, 137,319

**Q3:** The height of Mount Everest, in meters, can be found by multiplying 8.848 by 1 000. Find the height of Mount Everest.

- A 8 848 m
- B 8.848 m
- C 0.8848 m
- D 88.48 m
- E 884.8 m

**Q4:** Complete the table.

Number	$\times 10$	$\times 100$	$\times 1,000$
96.167	...	...	...

- A 106.167, 196.167, 1,096.167
- B 961.67, 9,616.7, 96,167
- C 96.167, 106.167, 196.167
- D 96.167, 961.67, 9,616.7

**Q5:** Fill in the blanks:  $254.448 = \_ \times 10 = \_ \times 100 = \_ \times 1,000$ .

A 2,544.48, 2.54448, 0.254448

B 25.4448, 2.54448, 0.254448

C 25.4448, 2.54448, 2,544.48

D 2,544.48, 25,444.8, 254,448

**Q6:** Complete the following pattern: 8,938.3, 893.83, 89.383, \_\_, \_\_, \_\_.

A 8.9383, 0.89383, 0.089383

B 0.89383, 0.089383, 0.0089383

C 0.089383, 0.89383, 8.9383

D 893.83, 8,938.3, 89,383



Question Video