

Name: _____ Date: _____

Height of buildings in London



Convert from smaller to larger units of length using decimal notation

Challenges
1, 2, 3

The table shows the height of some of the buildings in London.

Write the height of each building in kilometres.

Building	Height (m)	Height (km)
BT Tower	193	
Canary Wharf Tower	244	
The Pinnacle	288	
St Paul's Cathedral	112	
The Shard	306	
Big Ben	96	

Challenges
2, 3

1 One World Trade Center, at a height of 541 m, is New York's tallest building. How many metres taller is it than:

- a London's tallest building? m b BT Tower? m
c The Pinnacle? m d Big Ben? m

2 How many metres taller is One World Trade Center than the combined heights of the BT Tower, St Paul's Cathedral and Big Ben? m

Challenge
3

Some of the models of buildings at *Mini Europe* in Brussels are made to a scale of 1 m for every 100 m. Write the height of these model buildings at *Mini Europe* in metres.

- a Canary Wharf Tower m b Big Ben m
c St Paul's Cathedral m d BT Tower m



Take turns to ask and answer questions which involve comparing the heights of the above buildings. Record two of the questions and their answers on the back of this sheet.