Year 6 Maths Homework – dividing decimals by 10 and multiples of 10

Complete as many calculations as you can in 30 minutes. They get harder as you move through the sections. Don't forget, when dividing by 10, we are moving the digits 1 place to the right (to make them smaller) – you could use a place value chart to help you.

A – dividing decimals by 10

1) 127 ÷ 10 =
2) 75 ÷ 10 =
3) 392 ÷ 10 =
4) 46 ÷ 10 =
5) 12.3 ÷ 10 =
6) 47.1 ÷ 10 =
7) 7.2 ÷ 10 =
8) 8.34 ÷ 10 =
9) 60.7 ÷ 10 =
10) 105.8 ÷ 10 =
11) 17.05 ÷ 10 =
12) 8.02 ÷ 10 =
13) 13.903 ÷ 10 =
14) 0.302 ÷ 10 =
15) 200.04 ÷ 10 =
16) 0.076 ÷ 10 =

For this next section, remember that you can partition the multiple of 10; for example, 0.7 ÷ 20 becomes 0.7 ÷ 2 ÷ 10.

B – dividing decimals by multiples of 10

1) 12 ÷ 20 =
2) 8 ÷ 20 =
3) 21 ÷ 30 =
4) 15 ÷ 30 =
5) 1.6 ÷ 40 =
6) 2.8 ÷ 70 =
7) 3.5 ÷ 50 =
8) 5.6 ÷ 80 =
9) 0.48 ÷ 60 =
10) 0.63 ÷ 90 =
11) 3.15 ÷ 30 =
12) 21.42 ÷ 70 =
13) 8.56 ÷ 40 =
14) 12.16 ÷ 80 =
15) 6.04 ÷ 20 =
16) 302.5 ÷ 50 =