Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 2 of 10

Divide. Multiply both numbers by 10 or 100 so the divisor is a whole number, then divide.
Example: 2.4 ÷ 0.6 is the same as 24 ÷ 6 = 4.

Part A: Tenths divided by tenths

1. 4.4 ÷ 0.4 = _____
2. 1 ÷ 0.2 = _____
3. 1.5 ÷ 0.3 = _____
4. 1.6 ÷ 0.4 = _____
5. 2.1 ÷ 0.7 = _____
6. 1.2 ÷ 0.2 = _____

Part B: Hundredths divided by hundredths

7. 6.66 ÷ 0.74 = _____
8. 3.71 ÷ 0.53 = _____
9. 2.04 ÷ 0.68 = _____
10. 0.38 ÷ 0.19 = _____
11. 1.38 ÷ 0.69 = _____
12. 2.8 ÷ 0.35 = _____

Part C: The quotient has tenths

13. 0.56 ÷ 0.4 = _____
14. 0.93 ÷ 0.3 = _____
15. 1.62 ÷ 0.6 = _____
16. 1.08 ÷ 0.9 = _____
17. 1.65 ÷ 0.3 = _____
18. 2.61 ÷ 0.9 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 2 of 10

Divide. Multiply both numbers by 10 or 100 so the divisor is a whole number, then divide.
Example: 2.4 ÷ 0.6 is the same as 24 ÷ 6 = 4.

Part A: Tenths divided by tenths

1. 4.4 ÷ 0.4 = **11**
2. 1 ÷ 0.2 = **5**
3. 1.5 ÷ 0.3 = **5**
4. 1.6 ÷ 0.4 = **4**
5. 2.1 ÷ 0.7 = **3**
6. 1.2 ÷ 0.2 = **6**

Part B: Hundredths divided by hundredths

7. 6.66 ÷ 0.74 = **9**
8. 3.71 ÷ 0.53 = **7**
9. 2.04 ÷ 0.68 = **3**
10. 0.38 ÷ 0.19 = **2**
11. 1.38 ÷ 0.69 = **2**
12. 2.8 ÷ 0.35 = **8**

Part C: The quotient has tenths

13. 0.56 ÷ 0.4 = **1.4**
14. 0.93 ÷ 0.3 = **3.1**
15. 1.62 ÷ 0.6 = **2.7**
16. 1.08 ÷ 0.9 = **1.2**
17. 1.65 ÷ 0.3 = **5.5**
18. 2.61 ÷ 0.9 = **2.9**