Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 3 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. 1.6 ÷ 0.2 = _____
2. 8.4 ÷ 0.7 = _____
3. 3.2 ÷ 0.8 = _____
4. 1.8 ÷ 0.2 = _____
5. 4.5 ÷ 0.9 = _____
6. 6 ÷ 0.6 = _____

Part B: Hundredths divided by hundredths

7. 4.41 ÷ 0.49 = _____
8. 2.52 ÷ 0.84 = _____
9. 2.34 ÷ 0.26 = _____
10. 3.84 ÷ 0.64 = _____
11. 2.64 ÷ 0.66 = _____
12. 2.58 ÷ 0.86 = _____

Part C: The quotient has tenths

13. 0.72 ÷ 0.6 = _____
14. 0.66 ÷ 0.6 = _____
15. 0.95 ÷ 0.5 = _____
16. 2.34 ÷ 0.6 = _____
17. 1.76 ÷ 0.4 = _____
18. 1.35 ÷ 0.9 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 3 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. 1.6 ÷ 0.2 = **8**
2. 8.4 ÷ 0.7 = **12**
3. 3.2 ÷ 0.8 = **4**
4. 1.8 ÷ 0.2 = **9**
5. 4.5 ÷ 0.9 = **5**
6. 6 ÷ 0.6 = **10**

Part B: Hundredths divided by hundredths

7. 4.41 ÷ 0.49 = **9**
8. 2.52 ÷ 0.84 = **3**
9. 2.34 ÷ 0.26 = **9**
10. 3.84 ÷ 0.64 = **6**
11. 2.64 ÷ 0.66 = **4**
12. 2.58 ÷ 0.86 = **3**

Part C: The quotient has tenths

13. 0.72 ÷ 0.6 = **1.2**
14. 0.66 ÷ 0.6 = **1.1**
15. 0.95 ÷ 0.5 = **1.9**
16. 2.34 ÷ 0.6 = **3.9**
17. 1.76 ÷ 0.4 = **4.4**
18. 1.35 ÷ 0.9 = **1.5**