Name: _____ Date: _____

Dividing Decimals by Decimals

Grade 5 | Dividing a decimal by a decimal divisor | Version 4 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. 2 ÷ 0.4 = _____
2. 1.5 ÷ 0.5 = _____
3. 6.3 ÷ 0.9 = _____
4. 4.2 ÷ 0.6 = _____
5. 3.2 ÷ 0.4 = _____
6. 5.6 ÷ 0.7 = _____

Part B: Hundredths divided by hundredths

7. 6.16 ÷ 0.88 = _____
8. 4.25 ÷ 0.85 = _____
9. 2.08 ÷ 0.52 = _____
10. 1.98 ÷ 0.66 = _____
11. 5.95 ÷ 0.85 = _____
12. 5.58 ÷ 0.62 = _____

Part C: The quotient has tenths

13. 1.8 ÷ 0.4 = _____
14. 3.54 ÷ 0.6 = _____
15. 1.24 ÷ 0.4 = _____
16. 3.36 ÷ 0.6 = _____
17. 1.84 ÷ 0.8 = _____
18. 0.88 ÷ 0.4 = _____

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 4 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. 2 ÷ 0.4 = **5**
2. 1.5 ÷ 0.5 = **3**
3. 6.3 ÷ 0.9 = **7**
4. 4.2 ÷ 0.6 = **7**
5. 3.2 ÷ 0.4 = **8**
6. 5.6 ÷ 0.7 = **8**

Part B: Hundredths divided by hundredths

7. 6.16 ÷ 0.88 = **7**
8. 4.25 ÷ 0.85 = **5**
9. 2.08 ÷ 0.52 = **4**
10. 1.98 ÷ 0.66 = **3**
11. 5.95 ÷ 0.85 = **7**
12. 5.58 ÷ 0.62 = **9**

Part C: The quotient has tenths

13. 1.8 ÷ 0.4 = **4.5**
14. 3.54 ÷ 0.6 = **5.9**
15. 1.24 ÷ 0.4 = **3.1**
16. 3.36 ÷ 0.6 = **5.6**
17. 1.84 ÷ 0.8 = **2.3**
18. 0.88 ÷ 0.4 = **2.2**