Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 1 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. 2.4 ÷ 0.2 = **12**
2. 4.2 ÷ 0.7 = **6**
3. 9.6 ÷ 0.8 = **12**
4. 9.9 ÷ 0.9 = **11**
5. 2.2 ÷ 0.2 = **11**
6. 2.5 ÷ 0.5 = **5**

Part B: Hundredths divided by hundredths

7. 1.04 ÷ 0.26 = **4**
8. 1.08 ÷ 0.12 = **9**
9. 5.36 ÷ 0.67 = **8**
10. 6.93 ÷ 0.77 = **9**
11. 1.02 ÷ 0.34 = **3**
12. 5.53 ÷ 0.79 = **7**

Part C: The quotient has tenths

13. 2.95 ÷ 0.5 = **5.9**
14. 0.56 ÷ 0.2 = **2.8**
15. 4.68 ÷ 0.9 = **5.2**
16. 2.88 ÷ 0.6 = **4.8**
17. 2.45 ÷ 0.7 = **3.5**
18. 0.33 ÷ 0.3 = **1.1**

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**

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**

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**

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 5 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. 2.7 ÷ 0.3 = **9**
2. 4.5 ÷ 0.5 = **9**
3. 3 ÷ 0.6 = **5**
4. 2.1 ÷ 0.3 = **7**
5. 7.2 ÷ 0.9 = **8**
6. 4 ÷ 0.5 = **8**

Part B: Hundredths divided by hundredths

7. 0.76 ÷ 0.38 = **2**
8. 3.06 ÷ 0.51 = **6**
9. 1.17 ÷ 0.39 = **3**
10. 3.3 ÷ 0.66 = **5**
11. 0.36 ÷ 0.18 = **2**
12. 1.2 ÷ 0.24 = **5**

Part C: The quotient has tenths

13. 2.46 ÷ 0.6 = **4.1**
14. 0.64 ÷ 0.2 = **3.2**
15. 1.71 ÷ 0.3 = **5.7**
16. 0.5 ÷ 0.2 = **2.5**
17. 0.39 ÷ 0.3 = **1.3**
18. 1.47 ÷ 0.7 = **2.1**

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 6 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. 4.8 ÷ 0.6 = **8**
2. 1.2 ÷ 0.4 = **3**
3. 3.5 ÷ 0.5 = **7**
4. 3.6 ÷ 0.4 = **9**
5. 7 ÷ 0.7 = **10**
6. 1.8 ÷ 0.3 = **6**

Part B: Hundredths divided by hundredths

7. 1.36 ÷ 0.34 = **4**
8. 2.56 ÷ 0.32 = **8**
9. 4.02 ÷ 0.67 = **6**
10. 1.96 ÷ 0.49 = **4**
11. 2.88 ÷ 0.48 = **6**
12. 1.53 ÷ 0.51 = **3**

Part C: The quotient has tenths

13. 0.8 ÷ 0.5 = **1.6**
14. 4.95 ÷ 0.9 = **5.5**
15. 1.1 ÷ 0.2 = **5.5**
16. 1.62 ÷ 0.9 = **1.8**
17. 4.32 ÷ 0.9 = **4.8**
18. 1.11 ÷ 0.3 = **3.7**

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 7 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 ÷ 0.2 = **10**
2. 2.8 ÷ 0.4 = **7**
3. 5.4 ÷ 0.9 = **6**
4. 4.9 ÷ 0.7 = **7**
5. 1.8 ÷ 0.6 = **3**
6. 3 ÷ 0.3 = **10**

Part B: Hundredths divided by hundredths

7. 6.65 ÷ 0.95 = **7**
8. 3.72 ÷ 0.93 = **4**
9. 0.64 ÷ 0.32 = **2**
10. 0.91 ÷ 0.13 = **7**
11. 0.66 ÷ 0.33 = **2**
12. 4.68 ÷ 0.52 = **9**

Part C: The quotient has tenths

13. 3.44 ÷ 0.8 = **4.3**
14. 0.52 ÷ 0.4 = **1.3**
15. 2.56 ÷ 0.8 = **3.2**
16. 2.88 ÷ 0.8 = **3.6**
17. 1.92 ÷ 0.8 = **2.4**
18. 0.72 ÷ 0.3 = **2.4**

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 8 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. 8.1 ÷ 0.9 = **9**
2. 2.4 ÷ 0.6 = **4**
3. 4 ÷ 0.8 = **5**
4. 1.4 ÷ 0.2 = **7**
5. 7.2 ÷ 0.6 = **12**
6. 4.8 ÷ 0.4 = **12**

Part B: Hundredths divided by hundredths

7. 1.95 ÷ 0.65 = **3**
8. 2.82 ÷ 0.94 = **3**
9. 5.22 ÷ 0.87 = **6**
10. 2.52 ÷ 0.42 = **6**
11. 7.29 ÷ 0.81 = **9**
12. 2.8 ÷ 0.56 = **5**

Part C: The quotient has tenths

13. 0.54 ÷ 0.2 = **2.7**
14. 3.15 ÷ 0.7 = **4.5**
15. 1.62 ÷ 0.3 = **5.4**
16. 3.71 ÷ 0.7 = **5.3**
17. 4.56 ÷ 0.8 = **5.7**
18. 3.18 ÷ 0.6 = **5.3**

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 9 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. 3.6 ÷ 0.6 = **6**
2. 3.6 ÷ 0.3 = **12**
3. 9 ÷ 0.9 = **10**
4. 5.4 ÷ 0.6 = **9**
5. 2.7 ÷ 0.9 = **3**
6. 3.6 ÷ 0.9 = **4**

Part B: Hundredths divided by hundredths

7. 5.81 ÷ 0.83 = **7**
8. 1.05 ÷ 0.21 = **5**
9. 3.99 ÷ 0.57 = **7**
10. 2.66 ÷ 0.38 = **7**
11. 4.1 ÷ 0.82 = **5**
12. 1.76 ÷ 0.88 = **2**

Part C: The quotient has tenths

13. 1.35 ÷ 0.5 = **2.7**
14. 1.19 ÷ 0.7 = **1.7**
15. 1.68 ÷ 0.8 = **2.1**
16. 1.98 ÷ 0.6 = **3.3**
17. 2.2 ÷ 0.5 = **4.4**
18. 1.68 ÷ 0.6 = **2.8**

Dividing Decimals by Decimals - ANSWER KEY

Grade 5 | Dividing a decimal by a decimal divisor | Version 10 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. 3.3 ÷ 0.3 = **11**
2. 0.9 ÷ 0.3 = **3**
3. 3.5 ÷ 0.7 = **5**
4. 6.6 ÷ 0.6 = **11**
5. 2.8 ÷ 0.7 = **4**
6. 10.8 ÷ 0.9 = **12**

Part B: Hundredths divided by hundredths

7. 7.83 ÷ 0.87 = **9**
8. 1.56 ÷ 0.26 = **6**
9. 7.04 ÷ 0.88 = **8**
10. 6 ÷ 0.75 = **8**
11. 1.33 ÷ 0.19 = **7**
12. 1.71 ÷ 0.57 = **3**

Part C: The quotient has tenths

13. 1.12 ÷ 0.8 = **1.4**
14. 3.6 ÷ 0.8 = **4.5**
15. 0.92 ÷ 0.2 = **4.6**
16. 3.78 ÷ 0.7 = **5.4**
17. 1.02 ÷ 0.3 = **3.4**
18. 0.36 ÷ 0.3 = **1.2**