



Englische Übungen zu Dezimalzahlen

Bemerkung: Im Englischen schreibt man einen Punkt als Komma („decimal point“).

1. A number has 6 in the tenths place, 4 in the ones place, and 5 in the hundredths place. Write the number.
2. In 59.378 the 5 stands for 5 tens.
The 9 stands for _____.
The 3 stands for _____.
The 7 stands for _____.
The 8 stands for _____.
3. Round off each number to the nearest tenth.
 - a. 2.34 \approx _____
 - b. 0.68 \approx _____
 - c. 14.35 \approx _____
 - d. 1.62 \approx _____
 - e. 5.99 \approx _____
4. Round off each number to the nearest hundredth.
 - a. 12.368 \approx _____
 - b. 234.989 \approx _____
 - c. 1.225 \approx _____
 - d. 12.304 \approx _____
 - e. 0.550 \approx _____
5. Put these numbers in order from smallest to largest.
 - a. 0.05, 0.5, 0.55, 5.5 _____
 - b. 2.1, 2.01, 20.1, 20.01 _____
 - c. 0.01, 0.10, 0.11, 0.09 _____
6. „What’s green inside, white outside and hops?“

To find the answer, put the numbers in order from smallest to largest.

0.66 1 0.2 1.05 0.90 0.01 0.75 0.35 0.25 0.5 0.05 0.09 5.5
N I O C W A D S G A F R H





7. What numbers come next?
- 0.1, 0.9, 1.7, _____, _____
 - 8, 6.9, 5.8, _____, _____
 - 5.56, 5.53, 5.5, _____, _____
 - 7.23, 7.28, 7.33, _____, _____
8. Add 9 tens, 8 hundredths, and 3 tenths to 34.53.
What is the result?
9. True or false?
- $35.7 + 22.1 = 57.87$
 - $2.34 - 0.09 = 2.25$
 - $(4.6 + 2.9) - 3.1 < 3.7$
 - $0.20 > 0.68 - (0.42 + 0.11)$
 - $7.89 - 3.36 = 2.13 + 2.40$
 - $12.6 - 4.8 = 3.9 + 3.9$
10. Multiply mentally.
- $0.8 \cdot 100 =$ _____
 - $0.03 \cdot 10 =$ _____
 - $0.27 \cdot 1\,000 =$ _____
 - $3.3 \cdot 50 =$ _____
 - $0.4 \cdot 500 =$ _____
 - $0.25 \cdot 60 =$ _____
 - $0.03 \cdot 700 =$ _____
 - $3.52 \cdot 2\,000 =$ _____
11. Victor and his three friends went out to lunch. The total bill was 45.52 €. They decided that each would pay the same amount. How much did each person pay?
12. A shop sells a 4-pack of batteries for 2.40 €. It sells a 6-pack of the same kind for 3.30 €. Which box is the better buy?





13. For each problem below the multiplication has been done, but the decimal point has not been placed in the product. Place the decimal point correctly.

- a. $2.3 \cdot 7.3 = 1679$
- b. $5.7 \cdot 4.4 = 2508$
- c. $51 \cdot 3.8 = 1938$
- d. $0.2 \cdot 5.777 = 11554$
- e. $6.91 \cdot 8.2 = 56662$
- f. $5.203 \cdot 12.6 = 655578$

14. For each problem below the division has been done, but the decimal point is missing in the answer. Place the decimal point correctly.

- a. a) $43.8 : 3 = 146$
- b. $6.46 : 4 = 1615$
- c. $4.35 : 5 = 08700$
- d. $30.96 : 4.5 = 688$
- e. $298.92 : 6 = 4982$
- f. $1814.4 : 3.2 = 5670$

15. There are six calculations and six answers. Write down each calculation and insert the correct answer from the list given. Use estimation.

- a. $6.9 \cdot 7.1$
- b. $9.8 : 5$
- c. $21 \cdot 10.2$
- d. $0.13 + 15.2$
- e. $3114 : 30$
- f. $4.03 \cdot 1.9$

Answers: 1.96; 15.33; 48.99; 103.8; 7.657; 214.2

16. There are six calculations and six answers. Write down each calculation and insert the correct answer from the list given. Use estimation.

- a. $103.2 : 5$
- b. $7.2 \cdot 7.3$
- c. $4.1 \cdot 49$
- d. $3.57 : 3$
- e. $36.52 : 4$
- f. $1.4 : 10$

Answers: 52.56; 1.19; 9.13; 200.9; 20.64; 0.14





Vocabulary

Englisch	Deutsch
place value	Stellenwert
decimal numbers	Dezimalzahlen
decimal point	Dezimalpunkt (im Englischen schreibt man einen Punkt statt einem Komma)
tenth	Zehntel
hundreth	Hundertstel
thousandth	Tausendstel
value	Wert
round off	runden
265.8 – two hundred sixty-five point eight	Zweihundertfünfundsechzig Komma Acht
result	Ergebnis
to multiply mentally	Kopfrechnen
amount	Betrag
decide	entscheiden
estimation	Abschätzung

Solutions

1. A number has 6 in the tenths place, 4 in the ones place, and 5 in the hundredths place. Write the number.
4,65
2. In 59.378 the 5 stands for 5 tens.
The 9 stands for 9 ones.
The 3 stands for 3 tenths.
The 7 stands for 7 hundredths.
The 8 stands for 8 thousandths.
3. Round off each number to the nearest tenth.
 - a. **2.3**
 - b. **0.7**
 - c. **14.4**
 - d. **1.6**
 - e. **6.0**
4. Round off each number to the nearest hundredth.
 - a. **12.37**





- b. **234.99**
- c. **1.23**
- d. **12.30**
- e. **0.55**

5. Put these numbers in order from smallest to largest.

- a. **$0.05 < 0.5 < 0.55 < 5.5$**
- b. **$2.01 < 2.1 < 20.01 < 20.1$**
- c. **$0.01 < 0.09 < 0.10 < 0.11$**

6. „What’s green inside, white outside and hops?”

a frogsandwich

7. What numbers come next?

- a. 0.1, 0.9, 1.7, 2.5, 3.3, 4.1
- b. 8, 6.9, 5.8, 4.7, 3.6, 2.5
- c. 5.56, 5.53, 5.5, 5.47, 5.44, 5.41
- d. 7.23, 7.28, 7.33, 7.38, 7.43, 7.48

8. Add 9 tens, 8 hundredths, and 3 tenths to 34.53.

What is the result?

The result is 124.91.

9. True or false?

- a. $35.7 + 22.1 = 57.87$ **false**
- b. $2.34 - 0.09 = 2.25$ **true**
- c. $(4.6 + 2.9) - 3.1 < 3.7$ **false**
- d. $0.20 > 0.68 - (0.42 + 0.11)$ **true**
- e. $7.89 - 3.36 = 2.13 + 2.40$ **true**
- f. $12.6 - 4.8 = 3.9 + 3.9$ **true**

10. Multiply mentally

- a. $0.8 \cdot 100 =$ **80**
- b. $0.03 \cdot 10 =$ **0,3**
- c. $0.27 \cdot 1\ 000 =$ **270**
- d. $3.3 \cdot 50 =$ **165**
- e. $0.4 \cdot 500 =$ **200**
- f. $0.25 \cdot 60 =$ **15**
- g. $0.03 \cdot 700 =$ **21**





h. $3.52 \cdot 2\,000 = 7\,040$

11. Victor and his three friends went out to lunch. The total bill was 45.52 €. They decided that each would pay the same amount. How much did each person pay?
Each person paid 11.38 €.

12. A shop sells a 4-pack of batteries for 2.40 €. It sells a 6-pack of the same kind for 3.30 €. Which box is the better buy?
The 6-pack is the better buy. You save 5 Cent per batterie.

13. For each problem below the multiplication has been done, but the decimal point has not been placed in the product. Place the decimal point correctly.

- a. $2.3 \cdot 7.3 = 16.79$
- b. $5.7 \cdot 4.4 = 25.08$
- c. $51 \cdot 3.8 = 193.8$
- d. $0.2 \cdot 5.777 = 1.1554$
- e. $6.91 \cdot 8.2 = 56.662$
- f. $5.203 \cdot 12.6 = 65.5578$

14. For each problem below the division has been done, but the decimal point is missing in the answer. Place the decimal point correctly.

- a. $43.8 : 3 = 14.6$
- b. $6.46 : 4 = 1.615$
- c. $4.35 : 5 = 0.8700$
- d. $30.96 : 4.5 = 6.88$
- e. $298.92 : 6 = 49.82$
- f. $1\,814.4 : 3.2 = 567.0$

15. There are six calculations and six answers. Write down each calculation and insert the correct answer from the list given. Use estimation.

- a. $6.9 \cdot 7.1$ **48.99**
- b. $9.8 : 5$ **1.96**
- c. $21 \cdot 10.2$ **214.2**
- d. $0.13 + 15.2$ **15.33**
- e. $3114 : 30$ **103.8**
- f. $4.03 \cdot 1.9$ **7.657**

16. There are six calculations and six answers. Write down each calculation and insert the correct answer from the list given. Use estimation.

- a. $103.2 : 5$ **20.64**
- b. $7.2 \cdot 7.3$ **52.56**
- c. $4.1 \cdot 49$ **200.9**
- d. $3.57 : 3$ **1.19**





e.	$36.52 : 4$	9.13
f.	$1.4 : 10$	0.14

