

一、填充題

1. 答案：(1) 0.2；(2) 0.47；(3) 4.61；(4)

1.2

$$\text{解析：(3) } \frac{461}{100} = 4 \frac{61}{100} = 4 + \frac{61}{100} = 4 + 0.61 = 4.61；$$

$$\text{(4) } \frac{6}{5} = 1 \frac{1}{5} = 1 \frac{2}{10} = 1 + \frac{2}{10} = 1 + 0.2 = 1.2$$

2. 答案：(1) 4.5；(2) 1.8

$$\text{解析：(1) } \frac{9 \times 5}{2 \times 5} = \frac{45}{10} = 4.5；(2) \frac{9 \times 2}{5 \times 2} = \frac{18}{10} = 1.8$$

3. 答案：15.12

$$\text{解析：} 15 \frac{12}{100} = 15 + \frac{12}{100} = 15 + 0.12 = 15.12$$

4. 答案：36；44；1.44

$$\text{解析：} \text{乙} = 36 \div 25 = \frac{36}{25} = 1 \frac{11}{25} = 1 \frac{44}{100} = 1.44$$

5. 答案：11.3

$$\text{解析：} 11 \frac{3}{10} = 11 + \frac{3}{10} = 11 + 0.3 = 11.3$$

6. 答案：18；1.8

$$\text{解析：} \frac{9}{5} = \frac{18}{10} = 1 \frac{8}{10} = 1 + \frac{8}{10} = 1 + 0.8 = 1.8$$

7. 答案：(1) 0.7；(2) 0.06；(3) 1.7

8. 答案：(1) 0.04；(2) 15.07；(3) 64.05

9. 答案：(1) 3.6；(2) 2.72

10. 答案：(1) $\frac{7}{100}$ ；(2) 50.08

解析：二位小數可以化為分母是 100 的分數。

11. 答案：6.5

$$\text{解析：} 6 \frac{1}{2} = 6 \frac{5}{10} = 6 + \frac{5}{10} = 6 + 0.5 = 6.5$$

12. 答案：0.6

$$\text{解析：} \frac{3}{5} = \frac{6}{10} = 0.6$$

13. 答案：(1) 1.5；(2) 0.75；(3) 0.95；(4) 0.88

$$\text{解析：(1) } 1 \frac{1}{2} = 1 \frac{5}{10} = 1 + \frac{5}{10} = 1 + 0.5 = 1.5；$$

$$\text{(2) } \frac{3}{4} = \frac{75}{100} = 0.75；$$

$$\text{(3) } \frac{19}{20} = \frac{95}{100} = 0.95；$$

$$\text{(4) } \frac{22}{25} = \frac{88}{100} = 0.88$$

14. 答案：2.4

$$\text{解析：} \frac{12}{5} = \frac{24}{10} = 2.4$$

15. 答案：1.27

$$\text{解析：} \frac{127}{100} = 1 \frac{27}{100} = 1 + \frac{27}{100} = 1 + 0.27 = 1.27$$

16. 答案：(1) 2.5；(2) 3.5；(3) 0.6；(4) 1.8

$$\text{解析：(1) } \frac{5 \times 5}{2 \times 5} = \frac{25}{10} = 2.5；(2) \frac{7 \times 5}{2 \times 5} = \frac{35}{10} = 3.5；(3) \frac{3 \times 2}{5 \times 2} = \frac{6}{10} = 0.6；(4) \frac{9 \times 2}{5 \times 2} = \frac{18}{10} = 1.8$$

17. 答案：5.1

$$\text{解析：} \frac{51}{10} = 5 \frac{1}{10} = 5 + \frac{1}{10} = 5 + 0.1 = 5.1$$

18. 答案：0.95

$$\text{解析：} \frac{19}{20} = \frac{95}{100} = 0.95$$