

1

Division of Decimals (I)



Date: _____

Mark: _____



Calculate the following.

1.

$$9 \overline{) 1.17}$$

2.

$$15 \overline{) 16.2}$$



Reminder

When performing division of decimal, turn the divisor into whole number first.

E.g. $0.64 \div 0.8$

$= 6.4 \div 8$

$= 0.8$

Multiply both divisor and dividend by 10.

3. $26 \div 4 =$ _____

4. $4.2 \div 3 =$ _____

6. $13.8 \div 0.6 =$ _____

8. $0.84 \div 1.2 =$ _____

5. $5.7 \div 1.9 =$ _____

7. $1.26 \div 0.9 =$ _____

9. $46.8 \div 1.8 =$ _____



Join expressions which have the same results.

10.

$3.05 \div 0.1$ ●

● $305 \div 1000$

11.

$30.5 \div 100$ ●

● $5.1 \div 0.001$

12.

$51 \div 0.01$ ●

● $0.305 \div 0.01$

13.

$0.51 \div 10$ ●

● $5.1 \div 100$

14. When calculating '1.87 ÷ 0.01', we just need to move the decimal point of 1.87 to the

★ left / right by _____ place(s).

(★ Circle the answer)

15. Which of the following expressions is the most suitable to estimate the value of '27.8 ÷ 7.3'?

A. 278 ÷ 7

B. 27 ÷ 8

C. 28 ÷ 7

D. 29 ÷ 8

16. Circle the expression with the greatest value.

21.9 ÷ 3

4.9 ÷ 0.1

5.6 ÷ 0.14

17. Fill in the blanks with the suitable numbers.

$$\begin{array}{r}
 \square . 3 \\
 7 \overline{) 3 \ 7 . 1} \\
 \underline{3 \ \square} \\
 \square \ \square \\
 \underline{\square \ 1}
 \end{array}$$

18. Which of the following expressions has the value greater than 1?

A. 2.16 ÷ 4

B. 3.6 ÷ 1.8

C. 9.6 ÷ 12

D. 5.6 ÷ 6.4

Scoring Key

🎯 If the divisor is smaller than the dividend, the value of the expression will be greater than 1.

19. When calculating '31.2 ÷ 0.4', Mary mistakenly works it out as '31.2 ÷ 4'.

(a) Her answer is _____.

(b) The correct answer is _____.

(c) The correct answer is _____ times of her answer.

20. If $\clubsuit \div 0.1 = 168$, $\clubsuit \div 6 = ?$

Answer: _____