

# 1 Division of decimals (1)

Date: \_\_\_\_\_

Score: \_\_\_\_\_

## Basic Questions

1. (a)

$$\begin{array}{r} 2 \overline{) 4.6} \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 4 \overline{) 2.6} \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 6 \overline{) 6.42} \\ \hline \end{array}$$

2. (a)  $16.8 \div 6 =$  \_\_\_\_\_

(b)  $67.2 \div 21 =$  \_\_\_\_\_

(c)  $0.96 \div 8 =$  \_\_\_\_\_

(d)  $1.7 \div 25 =$  \_\_\_\_\_

### Tips



- Line up the decimal points in the quotient and the dividend.
- Put '0's in the quotient whenever necessary.

3. (a)

$$\begin{array}{r} 6 \overline{) 87} \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 18 \overline{) 747} \\ \hline \end{array}$$

4. (a)  $426 \div 12 =$  \_\_\_\_\_

(b)  $152 \div 5 =$  \_\_\_\_\_

5. Which of the following is closest to the result of  $174.9 \div 16$ ?

- A.  $170 \div 16$
- B.  $174 \div 16$
- C.  $175 \div 16$
- D.  $180 \div 16$



**Questions**

6. Which of the following has the smallest result?
- A.  $90 \div 12$                        B.  $9 \div 12$
- C.  $0.9 \div 12$                        D.  $0.09 \div 12$

7. If  $\star \div 10 = 0.8$ , what is the result of  $\star \div 100$ ?
- A. 0.08                       B. 0.8
- C. 8                       D. 80

**Tips** 

Apply the properties of '+10' and '+100'.

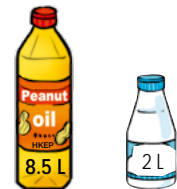
8. Each kilogram of walnuts costs \$36. Mum spends \$97.2 on walnuts. How many kilograms of walnuts does she buy?

Answer: \_\_\_\_\_ kg

9. A melon weighs 4 kg. Mum cuts the melon into 16 pieces of the same size. Each piece of melon weighs \_\_\_\_\_ kg.

10. Dad spends 75 dollars on half a dozen chicken pies. How much does each chicken pie cost? (Show your working)

11. A shop assistant pours the oil from the big oil bottle into small bottles, as shown on the right. He can fill up \_\_\_\_\_ small bottles at most. He will have \_\_\_\_\_ L of oil left.



12. The length of a rectangular workshop is 40 m. Its area is  $864 \text{ m}^2$ . What is its width? (Show your working)









