

Decimals: Challenge Worksheet

15 questions · Show working · Printable practice

Name: _____ Date: _____

Show your working where appropriate. Write units in your answers.

1. Put 0.705, 0.75, 0.7051, 0.7005 in descending order.
2. A number rounds to 4.7 to 1 decimal place. Give the smallest possible number with 2 decimal places.
3. Calculate $(6.25 - 1.875) \times 0.8$.
4. Calculate $9.6 \div 0.15$.
5. Find the missing number: $___ \times 0.24 = 3.6$.
6. A 12.5 m ribbon is cut into 0.8 m pieces. How many complete pieces, and what remains?
7. A shop discounts RM48.00 by 12.5%. What is the new price?
8. A tank has 18.75 L. It loses 2.4 L each day for 5 days. How much remains?
9. Write 0.375 as a fraction in simplest form.
10. A runner completes 2.4 km in 12 minutes. Find the average distance per minute in metres.
11. Two numbers have a sum of 8.5 and a difference of 1.3. Find both numbers.

12. A box holds 0.375 kg of rice. How many boxes can be filled from 9 kg?
13. Estimate 19.86×0.51 by rounding each number to 1 significant figure.
14. A rectangle measures 3.75 cm by 2.4 cm. Find its area.
15. A bus ticket costs RM3.80. Four tickets are bought with RM20. Find the change.