

Term 3 Week 2 Maths Homework
Due: Wednesday 22nd January 2025



Scan the QR code for a video to help.

Short Division

1. $472 \div 4 =$
2. $968 \div 8 =$
3. $904 \div 2 =$
4. $765 \div 5 =$
5. $895 \div 5 =$
6. $8,792 \div 7 =$
7. $9,180 \div 6 =$
8. $11,562 \div 3 =$
9. $32,832 \div 9 =$
10. $28,480 \div 8 =$

Match the calculation to the correct answer.

a. $15 \overline{)4,535}$

b. $8 \overline{)4,567}$

c. $3,648 \div 12 =$

d. $14 \overline{)4,236}$

^

570 r 7

304

302 r 5

302 r 8

True or false?



Flowers are sold in trays of 12. The school need 2,450 flowers to plant in the reception play area. The school caretaker thinks 204 trays will be enough.

Jacob and Amelia are using short division to solve $6,728 \div 16$.

Jacob $\begin{array}{r} 420 \\ 16 \overline{)6,728} \end{array}$

Amelia $\begin{array}{r} 420 \text{ r } 8 \\ 16 \overline{)6,728} \end{array}$

Who do you agree with? Prove it.

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Challenge

These questions are not compulsory, but if you would like to challenge yourself, give them a go.

Short Division

1. Explain the mistakes in these calculations:

$$\begin{array}{r} 207 \\ 12 \overline{)324} \end{array}$$

$$\begin{array}{r} 16 \text{ r}8 \\ 14 \overline{)224} \end{array}$$

$$\begin{array}{r} 75 \\ 11 \overline{)715} \end{array}$$

Short Division

2. Find the missing numbers in these calculations:

$$\begin{array}{r} 2 \square \square \\ 12 \overline{)3 \square 80} \end{array} \quad \begin{array}{r} 30 \square \\ 1 \square \overline{)52 \square 3} \end{array} \quad \begin{array}{r} \square 16 \\ \square 3 \overline{)95 \square 8} \end{array}$$

$$\begin{array}{r} \square 1 \square \text{ r}7 \\ 13 \overline{)66 \square 9} \end{array} \quad \begin{array}{r} 2 \square 7 \text{ r}9 \\ \square 8 \overline{) \square 175} \end{array} \quad \begin{array}{r} 33 \square \text{ r}14 \\ 21 \overline{)7 \square \square 0} \end{array}$$

Short Division

3. Find the missing numbers in these calculations:

$$\begin{array}{r} 7 \square 8 \text{ r} \square \\ 11 \overline{)8 \square 58} \end{array} \quad \begin{array}{r} 492 \text{ r} \frac{1}{3} \\ 1 \square \overline{)7 \square 8 \square} \end{array} \quad \begin{array}{r} \square 40 \\ \square 1 \overline{)50 \square 0} \end{array}$$

$$\begin{array}{r} 5 \square 3 \square \\ 14 \overline{) \square 02 \square 0} \end{array} \quad \begin{array}{r} \square 122 \square \\ 1 \square \overline{)819 \square 00} \end{array} \quad \begin{array}{r} 309 \square \\ \square 5 \overline{)7 \square 4 \square 0} \end{array}$$