







| | Year 5 | | | |
|------------------------------------|--|---|--|--|
| | Concrete | Pictorial | Abstract | |
| Column addition with whole numbers | Use place value equipment to represent additions. Add a row of counters onto the place value grid to show 15,735 + 4,012. | Represent additions, using place value equipment on a place value grid alongside written methods. TTh Th H T O O O O O O O O O O O O O O O O O O | Use column addition, including exchanges. TTh Th | |
| Representing additions | | Bar models represent addition of two or more numbers in the context of problem solving. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Use approximation to check whether answers are reasonable. TTh Th | |
| Adding tenths | Link measure with addition of decimals. Two lengths of fencing are 0.6 m and 0.2 m. How long are they when added together? 0.6 m 0.2 m | Use a bar model with a number line to add 0.6 m 0.2 m 0.2 m 0.1 m 0.2 m 0.4 m 0.1 m | Understand the link with adding fractions. $\frac{6}{10} + \frac{2}{10} = \frac{8}{10}$ $6 \text{ tenths} + 2 \text{ tenths} = 8 \text{ tenths}$ $0.6 + 0.2 = 0.8$ | |









| Adding decimals using column addition | Use place value equipment to represent additions. Show 0.23 + 0.45 using place value counters. | Use place value equipment on a place value grid to represent additions. Represent exchange where necessary. | Add using a column method, ensuring that children understand the link with place value. $\frac{O \cdot \text{Tth Hth}}{0 \cdot 2 \cdot 3} + \frac{0 \cdot 4 \cdot 5}{0 \cdot 6 \cdot 8}$ Include exchange where required, alongside an understanding of place value. $\frac{O \cdot \text{Tth Hth}}{3 \cdot 4 \cdot 0} + \frac{O \cdot \text{Tth Hth}}{0 \cdot 9 \cdot 2} + \frac{O \cdot 3 \cdot 3}{1 \cdot 2 \cdot 5}$ Include additions where the numbers of decimal places are different. $3.4 + 0.65 = ?$ |
|---------------------------------------|---|--|--|
| Column subtraction with whole numbers | Use place value equipment to understand where exchanges are required. 2,250 – 1,070 | Use place value equipment on a grid alongside the calculation, including exchanges where required. $15,735-2,582=13,153$ TTh Th H T O TTH Th H T O T T T T T T T T T T T T T T T T T | Use column subtraction methods with exchange where required. $ \frac{\text{TTh Th } \text{ H } \text{ T } \text{ O}}{\frac{5}{8} 2 \text{ O } \text{ q } \text{ 7}}{\text{ - } \text{ 8 } \text{ 5 } \text{ 3 } \text{ 4}} \\ \underline{-\frac{1 \text{ 8 } 5 \text{ 3 } \text{ 4}}{4 \text{ 3 } \text{ 5 } \text{ 6 } \text{ 3}}} $ $ 62,097 - 18,534 = 43,563 $ |









| Checking strategies and representing subtractions | | Bar models represent subtractions in problem contexts, including 'find the difference'. Athletics Stadium 75,450 Hockey Centre 42,300 Velodrome 15,735 | Children can explain the mistake made when the columns have not been ordered correctly. Betto's working Th Th H T 0 1 7 8 7 7 1 4 0 1 2 2 1 8 8 9 Use approximation to check calculations. I calculated 18,000 + 4,000 mentally to check my subtraction. |
|---|--|--|---|
| Choosing efficient methods | | | To subtract two large numbers that are close, children find the difference by counting on. $2,002 - 1,995 = ?$ Use addition to check subtractions. I calculated $7,546 - 2,355 = 5,191$. |
| Subtracting decimals | Explore complements to a whole number by working in the context of length. $ \begin{array}{c c} \hline 0.49 \text{ m} \\ \hline 1 \text{ m} - \boxed{\text{m}} = \boxed{\text{m}} \\ \hline 1 - 0.49 = ? \end{array} $ | Use a place value grid to represent the stages of column subtraction, including exchanges where required. $5 \cdot 74 - 2 \cdot 25 = ?$ $\begin{array}{ c c c c c c c c c c c c c c c c c c c$ | Use column subtraction, with an understanding of place value, including subtracting numbers with different numbers of decimal places. 3.921 - 3.75 = ? O The Hth Thth 3 |









| Understanding factors | Use cubes or counters to explore the meaning of 'square numbers'. 25 is a square number because it is made from 5 rows of 5. Use cubes to explore cube numbers. 8 is a cube number. | Use images to explore examples and non-examples of square numbers. 8 × 8 = 64 8² = 64 12 is not a square number, because you cannot multiply a whole number by itself to make 12. | Understand the pattern of square numbers in the multiplication tables. Use a multiplication grid to circle each square number. Can children spot a pattern? |
|---|--|--|--|
| Multiplying by 10, 100 and 1,000 | Use place value equipment to multiply by 10, 100 and 1,000 by unitising. $4 \times I = 4 \text{ ones} = 4$ $4 \times I0 = 4 \text{ tens} = 40$ $4 \times I00 = 4 \text{ hundreds}$ $= 400$ | Understand the effect of repeated multiplication by 10. | Understand how exchange relates to the digits when multiplying by 10, 100 1,000. H T O 17 × 10 = 170 17 × 100 = 17 × 10 × 10 = 1,700 17 × 1,000 = 17 × 10 × 10 × 10 = 17,000 |
| Multiplying by multiples of 10, 100 and 1,000 | Use place value equipment to explore multiplying by unitising. 5 groups of 3 ones is 15 ones. 5 groups of 3 tens is 15 tens. So, I know that 5 groups of 3 thousands would be 15 thousands. | Use place value equipment to represent how to multiply by multiples of 10, 100 and 1,000. | Use known facts and unitising to multiply. $5 \times 4 = 20$ $5 \times 40 = 200$ $5 \times 400 = 2,000$ $5 \times 4,000 - 20,000$ $5,000 \times 4 = 20,000$ |









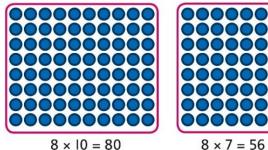
| Explore how to use partitioning to multiply |
|---|
| efficiently. |
| 0 17 _ 2 |

 $8 \times 1/ = ?$

Multiplying up to 4-digit numbers by a single digit

<u>\$</u>

Multiplying 2-digit numbers digit numbers



$$8 \times 10 = 80$$

$$80 + 56 = 136$$

So, $8 \times 17 = 136$

Represent multiplications using place value equipment and add the 1s, then 10s, then 100s, then 1,000s.

| Н | T | 0 |
|-------------|--------|-----|
| (60) | 000000 | |
| (60) | 000000 | |
| (00) | 000000 | 000 |
| @ | 000000 | |
| (00) | 000000 | 000 |

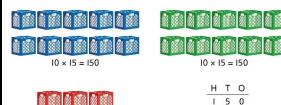
Use an area model and then add the parts.

| | 100 | 60 | 3 |
|---|----------------------|---------------------|------------|
| 5 | $100 \times 5 = 500$ | $60 \times 5 = 300$ | 3 × 5 = 15 |

Use a column multiplication, including any required exchanges.

Partition one number into 10s and 1s, then add the parts.

 $23 \times 15 = ?$



1 5 0

3 4 5

4 5



 $3 \times 15 = 45$

There are 345 bottles of milk in total.

 $23 \times 15 = 345$

Use an area model and add the parts.

$$28 \times 15 = ?$$

| | 20 m | 8 m | Н | Т | 0 |
|------|----------------------------------|-------------------------------|---|---|---|
| | | | 2 | 0 | 0 |
| 10 m | $20 \times 10 = 200 \text{ m}^2$ | 8 × 10 = 80 m ² | 1 | 0 | 0 |
| | | | | 8 | 0 |
| | | | + | 4 | 0 |
| 5 m | $20 \times 5 = 100 \text{ m}^2$ | $8 \times 5 = 40 \text{ m}^2$ | 4 | 2 | 0 |
| | | | | | |

$$28 \times 15 = 420$$

Use column multiplication, ensuring understanding of place value at each stage.





| its | | Use the area model then add the parts. | Use column multiplication, ensuring understanding of place value at each stage. × |
|---|---|--|---|
| Multiplying up to 4-digits by 2-digits | | 143 x 12 = 1,716 | First multiply 1,274 by 2. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| Multiplying decimals by 10, 100 and 1,000 | Use place value equipment to explore and understand the exchange of 10 tenths, 10 hundredths or 10 thousandths. | Represent multiplication by 10 as exchange on a place value grid. O The Hth O O O O O O O O O O O O O O O O O O O | Understand how this exchange is represented on a place value chart. The Heat Toology Telephone |









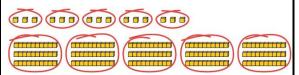
| Understanding factors and prime numbers | Use equipment to explore the factors of a given number. $24 \div 3 = 8$ $24 \div 8 = 3$ 8 and 3 are factors of 24 because they divide 24 exactly. $24 \div 5 = 4$ remainder 4. 5 is not a factor of 24 because there is a remainder. | Understand that prime numbers are numbers with exactly two factors. $13 \div 1 = 13$ $13 \div 2 = 6 r 1$ $13 \div 4 = 4 r 1$ 1 and 13 are the only factors of 13. 13 is a prime number. | Understand how to recognise prime and composite numbers. I know that 31 is a prime number because it can be divided by only 1 and itself without leaving a remainder. I know that 33 is not a prime number as it can be divided by 1, 3, 11 and 33. I know that 1 is not a prime number, as it has only 1 factor. |
|--|---|---|--|
| inverse operations link multiplication, | Use equipment to group and share and to explore the calculations that are present. I have 28 counters. I made 7 groups of 4. There are 28 in total. I have 28 in total. I shared them equally into 7 groups. There are 4 in each group. I have 28 in total. I made groups of 4. There are 7 equal groups. | Represent multiplicative relationships and explore the families of division facts. $60 \div 4 = 15$ $60 \div 15 = 4$ | Represent the different multiplicative relationships to solve problems requiring inverse operations. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
| Dividing whole numbers by 10, 100 and 1,000 | Use place value equipment to support unitising for division. $4,000 \div 1,000$ $4,000 \times 4 \text{ thousands.}$ $4 \times 1,000 = 4,000$ So, $4,000 \div 1,000 = 4$ | Use a bar model to support dividing by unitising. $380 \div 10 = 38$ 380 380 380 380 380 380 380 380 $38 \times 10 = 380$ $10 \times 38 = 380$ So, $380 \div 10 = 38$ | Understand how and why the digits change on a place value grid when dividing by 10, 100 or 1,000. The Head Tool O 3,200 \div 100 = ? 3,200 is 3 thousands and 2 hundreds. 200 \div 100 = 2 3,000 \div 100 = 30 3,200 \div 100 = 32 So, the digits will move two places to the right. |











15 ones put into groups of 3 ones. There are 5 groups.

$$15 \div 3 = 5$$

Dividing by multiples of 10, 100 and 1,000

15 tens put into groups of 3 tens. There are 5 groups.

$$150 \div 30 = 5$$

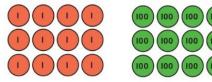
Represent related facts with place value equipment when dividing by unitising.



180 is 18 tens.

18 tens divided into groups of 3 tens. There are 6 groups.

$$180 \div 30 = 6$$



12 ones divided into groups of 4. There are 3 groups.

12 hundreds divided into groups of 4 hundreds. There are 3 groups. $1200 \div 400 = 3$ Reason from known facts, based on understanding of unitising. Use knowledge of the inverse relationship to check.

$$3,000 \div 5 = 600$$

 $3,000 \div 50 = 60$
 $3,000 \div 500 = 6$

$$5 \times 600 = 3,000$$

 $50 \times 60 = 3,000$
 $500 \times 6 = 3,000$









Explore grouping using place value equipment.

$$268 \div 2 = ?$$

short

single digit using

by a

digits

Dividing up to four division

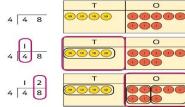
Understanding remainders

There is 1 group of 2 hundreds. There are 3 groups of 2 tens. There are 4 groups of 2 ones.

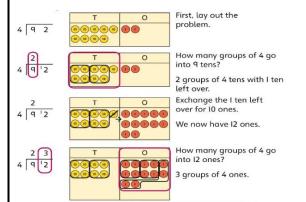
$$264 \div 2 = 134$$

Use place value equipment on a place value grid alongside short division.

The model uses grouping.



Lay out the problem as a short division. There is 1 group of 4 in 4 tens. There are 2 groups of 4 in 8 ones.



Use short division for up to 4-digit numbers divided by a single digit.

$$3,892 \div 7 = 556$$

Use multiplication to check.

$$556 \times 7 = ?$$

$$6 \times 7 = 42$$

 $50 \times 7 = 350$
 $500 \times 7 = 3500$

$$3,500 + 350 + 42 = 3,892$$

Understand remainders using concrete versions of a problem.

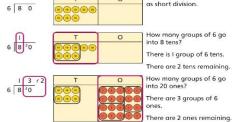
80 cakes divided into trays of 6.



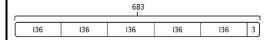
80 cakes in total. They make 13 groups of 6, with 2 remaining.

remainders as the last remaining 1s.

Lay out the problem



In problem solving contexts, represent divisions including remainders with a bar model.



$$683 = 136 \times 5 + 3$$

 $683 \div 5 = 136 \, r \, 3$









| Dividing decimals by 10, 100 and 1,000 | Understand division by 10 using exchange. 2 ones are 20 tenths. 20 tenths divided by 10 is 2 tenths. | Represent division using exchange on a place value grid. 1.5 is 1 one and 5 tenths. This is equivalent to 10 tenths and 50 hundredths. 10 is 1 tenth. 50 hundredths divided by 10 is 5 hundredths. 1.5 divided by 10 is 1 tenth and 5 hundredths. 1.5 \pm 10 = 0.15 | Understand the movement of digits on a place value grid. O • Tth Hth Thth 0 • 8 • 5 0 • > 0 • 8 • 5 0 • 8 |
|---|---|---|---|
| Understanding the relationship between fractions and division | Use sharing to explore the link between fractions and division. 1 whole shared between 3 people. Each person receives one-third. | Use a bar model and other fraction representations to show the link between fractions and division. I \div 3 = $\frac{1}{3}$ | Use the link between division and fractions to calculate divisions. $5 \div 4 = \frac{5}{4} = 1\frac{1}{4}$ $11 \div 4 = \frac{11}{4} = 2\frac{3}{4}$ |









| | Year 6 | | | | |
|---|---|---|---|--|--|
| Year 6 | Concrete | Pictorial | Abstract | | |
| Comparing and selecting efficient methods | Represent 7-digit numbers on a place value grid, and use this to support thinking and mental methods. | Discuss similarities and differences between methods, and choose efficient methods based on the specific calculation. Compare written and mental methods alongside place value representations **Th | Use column addition where mental methods are not efficient. Recognise common errors with column addition. $32,145+4,302=?$ $\frac{TTh\ Th\ H\ T\ O}{3\ 2\ I\ 4\ 5} + \frac{4\ 3\ 0\ 2}{3\ 6\ 4\ 4\ 7} + \frac{4\ 3\ 0\ 2}{7\ 5\ I\ 6\ 5}$ $Which method has been completed accurately?What mistake has been made?$ $Column\ methods\ are\ also\ used\ for\ decimal\ additions\ where\ mental\ methods\ are\ not\ efficient.$ $\frac{H\ T\ O\ Tth\ Hth}{I\ 4\ 0\ 0\ 9} + \frac{4\ 9\ 8\ 9}{I\ 8\ 9\ 9\ 8}$ | | |









Represent 7-digit numbers on a place value grid, and use this to support thinking and mental methods. HTh TTh Th

2,411,301 + 500,000 = ?

methods for larger

Selecting mental methods fo numbers where appropriate

operations in calculations

ð

order

Understanding

This would be 5 more counters in the HTh place.

So, the total is 2,911,301.

$$2,411,301 + 500,000 = 2,911,301$$

Use a bar model to support thinking in addition problems.

I added 100 thousands then subtracted 1 thousand.

257 thousands + 100 thousands = 357thousands

$$257,000 + 100,000 = 357,000$$

 $357,000 - 1,000 = 356,000$

So,
$$257,000 + 99,000 = 356,000$$

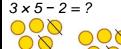
Use place value and unitising to support mental calculations with larger numbers.

$$195 + 5 + 1 = 201$$

195 thousands + 6 thousands = 201 thousands

So,
$$195,000 + 6,000 = 201,000$$

Use equipment to model different interpretations of a calculation with more than one operation. Explore different results.





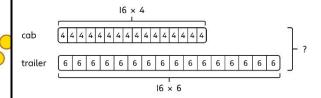








Model calculations using a bar model to demonstrate the correct order of operations in multi-step calculations.



This can be written as:
$$16 \times 4 + 16 \times 6$$

$$16 \times 4 + 16 \times 6$$

$$64 + 96 = 160$$

Understand the correct order of operations in calculations without brackets.

Understand how brackets affect the order of operations in a calculation.

$$4 + 6 \times 16$$

 $4 + 96 = 100$

$$(4+6) \times 16$$

10 × 16 = 160









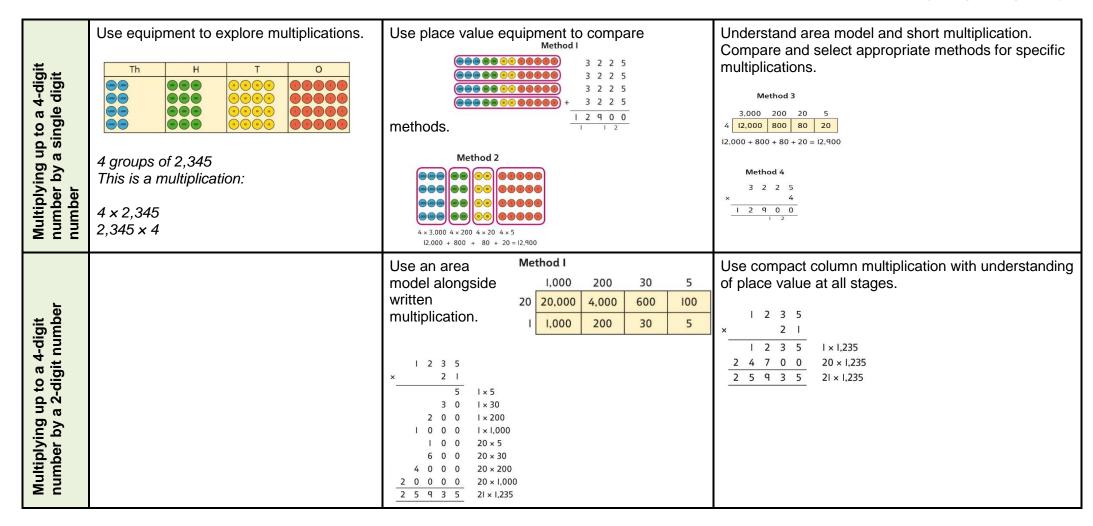
| Comparing and selecting efficient methods | Use counters on a place value grid to represent subtractions of larger numbers. | Compare subtraction methods alongside place value representations. The Horizontal Triangle of the comparison of the com | Compare and select methods. Use column subtraction when mental methods are not efficient. Use two different methods for one calculation as a checking strategy. The Hermitian Tolder of the strategy of the series |
|---|---|--|---|
| Subtracting mentally with larger numbers | | Use a bar model to show how unitising can support mental calculations. 950,000 – 150,000 That is 950 thousands – 150 thousands 950 So, the difference is 800 thousands. 950,000 – 150,000 = 800,000 | Subtract efficiently from powers of 10. $10,000 - 500 = ?$ |



















Use equipment to understand square numbers and cube numbers.



partitions

and

factors

ð

Using knowledge

Multiplying by 10, 100 and 1,000

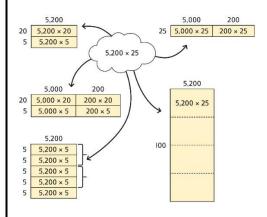
to compare methods for multiplications



$$5 \times 5 = 5^2 = 25$$

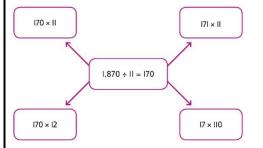
 $5 \times 5 \times 5 = 5^3 = 25 \times 5 = 125$

Compare methods visually using an area model. Understand that multiple approaches will produce the same answer if completed accurately.



Represent and compare methods using a bar model.

Use a known fact to generate families of related facts.



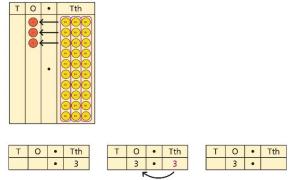
Use factors to calculate efficiently.

$$15 \times 16$$

= $3 \times 5 \times 2 \times 8$
= $3 \times 8 \times 2 \times 5$
= 24×10
= 240

Use place value equipment to explore exchange in decimal multiplication.

 $0.3 \times 10 = ?$ 0.3 is 3 tenths. 10×3 tenths are 30 tenths. 30 tenths are equivalent to 3 ones. Understand how the exchange affects decimal numbers on a place value grid.



$$0.3 \times 10 = 3$$

Use knowledge of multiplying by 10, 100 and 1,000 to multiply by multiples of 10, 100 and 1,000.

$$8 \times 100 = 800$$

$$8 \times 300 = 800 \times 3$$

$$= 2,400$$

$$2.5 \times 10 = 25$$

$$2.5 \times 20 = 2.5 \times 10 \times 2$$

$$= 50$$



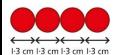






Explore decimal multiplications using place value equipment and in the context of measures.

3 groups of 4 tenths is 12 tenths. 4 groups of 3 tenths is 12 tenths.



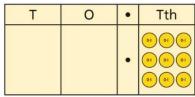
Multiplying decimals

Understanding factors

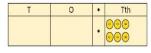
 $4 \times 1 \text{ cm} = 4 \text{ cm}$ $4 \times 0.3 \text{ cm} = 1.2 \text{ cm}$ $4 \times 1.3 = 4 + 1.2 = 5.2 \text{ cm}$ Represent calculations on a place value grid.

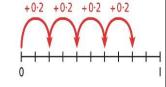
$$3 \times 3 = 9$$

 $3 \times 0.3 = 0.9$



Understand the link between multiplying decimals and repeated addition.





Use known facts to multiply decimals.

$$4 \times 3 = 12$$

$$4 \times 0.3 = 1.2$$

$$4 \times 0.03 = 0.12$$

I know that $18 \times 4 = 72$.

This can help me work out:

$$1.8 \times 4 = ?$$

$$18 \times 0.4 = ?$$

$$180 \times 0.4 = ?$$

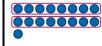
$$18 \times 0.04 = ?$$

Use a place value grid to understand the effects of multiplying decimals.

Use equipment to explore different factors of a number.

4 is a factor of 24 but is not a factor of 30.

Recognise prime numbers as numbers having exactly two factors. Understand the link with division and remainders.



 $17 \div 2 = 8 \text{ r I}$



 $17 \div 3 = 5 \text{ r } 2$



 $17 \div 4 = 4 \text{ r } 1$



Recognise and know primes up to 100.

Understand that 2 is the only even prime, and that 1 is not a prime number.

| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----|----|-----|----|----|----|-----------|----|----|----|
| | 12 | (B) | 14 | 15 | 16 | 17 | 18 | 9 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |









| Dividing by a single digit | Use equipment to make groups from a total. There are 78 in total. There are 6 groups of 13. There are 13 groups of 6. $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | H T O How many groups of 6 are in 13 tens? H T O How many groups of 6 are in 13 tens? H T O How many groups of 6 are in 13 tens? H T O How many groups of 6 are in 12 ones? How many groups of 6 are in 12 ones? | Use short division to divide by a single digit. 0 6 1 3 2 6 1 3 2 |
|---|---|--|--|
| Dividing by a 2-digit number using factors | Understand that division by factors can be used when dividing by a number that is not prime. | Use factors and repeated division. $1,260 \div 14 = ?$ $1,260 \div 2 = 630$ $630 \div 7 = 90$ $1,260 \div 14 = 90$ | Use factors and repeated division where appropriate. $2,100 \div 12 = ?$ $2,100 \rightarrow \stackrel{+2}{\cancel{\cdot}} \rightarrow \stackrel{+6}{\cancel{\cdot}} \rightarrow$ $2,100 \rightarrow \stackrel{+6}{\cancel{\cdot}} \rightarrow \stackrel{+2}{\cancel{\cdot}} \rightarrow$ $2,100 \rightarrow \stackrel{+3}{\cancel{\cdot}} \rightarrow \stackrel{+4}{\cancel{\cdot}} \rightarrow$ $2,100 \rightarrow \stackrel{+4}{\cancel{\cdot}} \rightarrow \stackrel{+3}{\cancel{\cdot}} \rightarrow$ $2,100 \rightarrow \stackrel{+3}{\cancel{\cdot}} \rightarrow \stackrel{+2}{\cancel{\cdot}} \rightarrow$ |





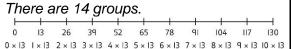




Use equipment to build numbers from groups.

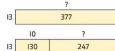
182 divided into groups of 13.

Dividing by a 2-digit number using long division



Use an area model alongside written division to model the process.

$$377 \div 13 = ?$$



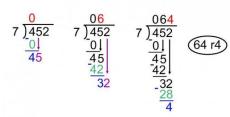
$$377 \div 13 = 29$$

Use long division where factors are not useful (for example, when dividing by a 2-digit prime number). $377 \div 13$

3 8

$$377 \div 13 = 29$$
 $-\frac{168}{0}$

A slightly different layout may be used, with the division completed above rather than at the side.



Step 1: "How many times?"

Step 2: "Multiply"

Step 3: "Subtract"

Step 4: "Drop it down"

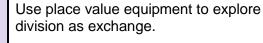
(repeat steps for each number, left to right)

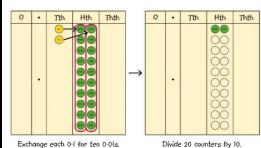












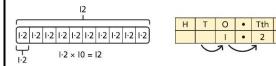
0.2 is 2 tenths.2 tenths is equivalent to 20 hundredths.20 hundredths divided by 10 is 2

hundredths.

Dividing by 10, 100 and 1,000

Dividing decimals

Represent division to show the relationship with multiplication. Understand the effect of dividing by 10, 100 and 1,000 on the digits on a place value grid.



Understand how to divide using division by 10, 100 and 1,000.

$$12 \div 20 = ?$$

$$12$$

$$12$$

$$1 \cdot 2 \quad | \cdot$$

Use knowledge of factors to divide by multiples of 10, 100 and 1,000.



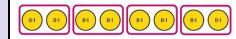
$$40 \longrightarrow \begin{array}{c} \vdots & 10 \\ & & \\ & & \\ \end{array} \longrightarrow \begin{array}{c} \vdots & 5 \\ & & \\ \end{array} \longrightarrow \begin{array}{c} ? \\ & \vdots & 10 \\ & & \\ \end{array} \longrightarrow \begin{array}{c} ? \\ & \vdots & \\ \end{array}$$

$$40 \div 5 = 8$$

 $8 \div 10 = 0.8$

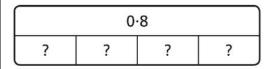
So,
$$40 \div 50 = 0.8$$

Use place value equipment to explore division of decimals.



8 tenths divided into 4 groups. 2 tenths in each group.

Use a bar model to represent divisions.



$$4 \times 2 = 8$$

$$8 \div 4 = 2$$

So,
$$4 \times 0.2 = 0.8$$

$$0.8 \div 4 = 0.2$$

Use short division to divide decimals with up to 2 decimal places.

$$\begin{array}{c|c}
0 \cdot 5 \\
4 \cdot 42 & 24
\end{array}$$

$$0 \cdot 5 \ 3$$

8 $4 \cdot {}^{4}2 \cdot {}^{2}4$