

1. I can say whether a number will occur in a sequence, explaining my reasoning
2. I can find the difference between positive and negative integers
3. I can round large numbers to the nearest multiple of 10, 100 or 1000
4. I can use tables facts to work out other facts with decimals
5. I can add, subtract, multiply and divide whole numbers and decimals in my head
6. I can use a calculator to solve problems with more than one step
7. I can estimate and check the calculations that I do
8. I can use different techniques to persuade people



1. I can explain my reasoning and conclusions, using symbols to represent unknown numbers
2. I can solve problems involving more than one step
3. I can use decimals with up to three places and order them on a number line
4. I can round decimals to the nearest whole number or the nearest tenth
5. I can use tables facts to work out other facts with decimals
6. I can add, subtract, multiply and divide whole numbers and decimals in my head
7. I can add, subtract, multiply and divide whole numbers and decimals using efficient written methods
8. I can use a calculator to solve problems involving more than one step
9. I can estimate and check the result of a calculation
10. I can take part in a whole-class debate



1. I can explain my reasoning and conclusions, using symbols to represent unknown numbers
2. I can solve problems involving more than one step
3. I can explain the reason for my choice of method and say whether I think it was effective
4. I can use decimals with up to three places and order them on a number line
5. I can partition decimals with three places
6. I can add, subtract, multiply and divide whole numbers and decimals in my head
7. I can use efficient written methods to add, subtract, multiply and divide integers and decimal numbers
8. I can calculate the answer to $\text{HTU} \div \text{U}$ and $\text{U.t} \div \text{U}$ to one or two decimal places
9. I can use a calculator to solve problems with more than one step
10. I can estimate and check the result of a calculation
11. I can listen to someone explain their method or solution to a problem, and evaluate whether their explanation made sense



1. I can describe and explain sequences, patterns and relationships
2. I can suggest hypotheses and test them
3. I can write and use simple expressions in words and formulae
4. I can say the squares of numbers to 12×12 and work out the squares of multiples of 10
5. I can use tables facts to work out other facts with decimals
6. I can work out which numbers less than 100 are prime numbers
7. I can estimate and check the calculations that I do
8. I can classify 2D shapes with perpendicular or parallel sides
9. I can make and draw shapes accurately
10. I can persuade others that my solution makes sense or my hypothesis is correct



Year 6, Block B, Unit 2

Securing number facts, understanding shape

1. I can describe and explain sequences, patterns and relationships
2. I can suggest hypotheses and test them
3. I can write and use simple expressions in words and formulae
4. I can use a table to help me solve a problem
5. I can identify and record what I need to do to solve the problem, checking my answer makes sense and is accurate
6. I can say the squares of numbers to 12×12 and work out the squares of multiples of 10
7. I can use tables facts to work out related facts with decimals
8. I can work out which numbers less than 100 are prime
9. I can estimate and check the result of a calculation
10. I can use a calculator to solve problems with more than one step
11. I can use the properties of parallel and perpendicular to describe and classify 2D shapes and 3D solids
12. I can make and draw shapes accurately
13. I can respond to the suggestions of others, explaining how they have or haven't changed my opinion



Year 6, Block B, Unit 3

Securing number facts, understanding shape

1. I can use a table to help me solve a problem
2. I can identify and record what I need to do to solve the problem, checking that my answer makes sense and is accurate
3. I can describe and explain sequences, patterns and relationships
4. I can suggest hypotheses and test them
5. I can write and use simple expressions in words and formulae
6. I can say the squares of numbers to 12×12 and work out the squares of multiples of 10
7. I can use my tables to work out decimal facts like 0.4×8 and $5.6 \div 7$
8. I can tell you all the prime numbers up to 100 and find the prime factors of other numbers
9. I can use a calculator to solve problems with more than one step
10. I can estimate and check the result of a calculation
11. I can identify 3D shapes with perpendicular or parallel edges or faces
12. I can make and draw shapes accurately
13. I can listen to the ideas of others, making sure that I respond to their ideas when I make



my next statement

1. I can suggest a line of enquiry and plan how to investigate it
2. I can answer questions about the data I have represented
3. I can represent data in different ways and understand its meaning
4. I can work out different types of average
5. I can convert from one unit of measure to another
6. I can read scales and give my answers as accurately as the question asks
7. I can take notes when I am gathering information



1. I can use data to solve problems
2. I can convert measures between units including decimals
3. I can read and answer questions about scales and write down my answer as accurately as the question requires
4. I can compare readings from different scales
5. I can use data to work out problems about chance
6. I can represent data in different ways and understand its meaning
7. I can solve problems, using mode, range, median and mean
8. I can use a calculator to solve problems involving more than one step
9. I can present a persuasive argument to others



1. I can collect and present data in a variety of ways and use my results to solve problems
2. I can use the language of chance to solve problems
3. I can represent data in a variety of ways and answer questions about the data, including interpreting pie charts
4. I can use the different averages to solve problems
5. I can convert measures between units including decimals
6. I can read and answer questions about scales and write down my answer as accurately as the question requires
7. I can compare readings from different scales
8. I can solve problems involving more than one step
9. I can take part in a debate, listening to and building upon the ideas of others



Year 6, Block D, Unit 1

Calculating, measuring and understanding shape

1. I can solve problems with several steps and decide how to carry out the calculation
2. I can add, subtract, multiply and divide whole numbers and decimals in my head
3. I can add, subtract, multiply and divide whole numbers and decimals using efficient written methods
4. I can use a calculator to solve problems with several steps
5. I can estimate the result of a calculation
6. I know several ways of checking answers
7. I can convert one measurement to another using a related unit. I use decimals to do this
8. I know that 1 pint is just over half a litre, and that 1 litre is about $1\frac{3}{4}$ pints
9. I know that 1 mile is about 1.6 km, and that 1 km is about $\frac{5}{8}$ of a mile
10. I can read scales as accurately as a problem requires
11. I can compare readings from different scales
12. I can find the perimeter and area of shapes and estimate the area of irregular shapes
13. I can use different techniques to persuade people



1. I can solve problems with several steps and decide how to carry out the calculation
2. I can add, subtract, multiply and divide whole numbers and decimals in my head
3. I can add, subtract, multiply and divide whole numbers and decimals using efficient written methods
4. I can use a calculator to solve problems with several steps
5. I can estimate the result of a calculation
6. I know several ways of checking answers
7. I can estimate angles, and use a protractor to measure and draw them
8. I know that the angle sum of a triangle is 180° and the sum of angles around a point is 360°
9. I can use coordinates when the x-coordinate and the y-coordinate are both positive
10. I can reflect, rotate and translate shapes on grids
11. I can convert one measurement to another using a related unit. I use decimals to do this
12. I can take part in a whole-class debate



Year 6, Block D, Unit 3

Calculating, measuring and understanding shape

1. I can solve problems with several steps and decide how to carry out the calculation
2. I can add, subtract, multiply and divide whole numbers and decimals in my head
3. I can add, subtract, multiply and divide whole numbers and decimals using efficient written methods
4. I can use a calculator to solve problems with several steps
5. I can estimate the result of a calculation
6. I know several ways of checking answers
7. I can convert one measurement to another using a related unit. I use decimals to do this
8. I know that 1 pint is just over half a litre, and that 1 litre is about 1 pints
9. I know that 1 mile is about 1.6 km, and that 1 km is about of a mile
10. I can read scales as accurately as a problem requires
11. I can compare readings from different scales
12. I can find the perimeter and area of shapes and estimate the area of irregular shapes
13. I can listen to someone explain their method or solution to a problem, and evaluate whether their explanation made sense



1. I can record the calculations needed to solve a problem and check that my working is correct
2. I can talk about how I solve problems
3. I can work out problems involving fractions, decimals and percentages using a range of methods
4. I can use place value and my tables to work out multiplication and division facts for decimals
5. I can use efficient written methods to add, subtract, multiply and divide whole numbers and decimals
6. I can, when needed, use a calculator to solve problems
7. I can write a large whole number as a fraction of a smaller one, simplify fractions and put them in order of size
8. I can find fractions and percentages of whole numbers
9. I can scale up or down to solve problems
10. I can take part in a debate



1. I can record the calculations needed to solve a problem and check that my working is correct
2. I can talk about how I solve problems
3. I can work out problems involving fractions, decimals and percentages, using a range of methods
4. I can write a larger whole number as a fraction of a smaller one, simplify fractions and put them in order of size
5. I can find fractions and percentages of whole numbers
6. I can work out a quantity as a percentage of another and find equivalent percentages, decimals and fractions
7. I can solve problems using ratio and proportion
8. I can respond positively to the ideas of others and offer my own ideas



Year 6, Block E, Unit 3

Securing number facts, relationships and calculating

1. I can record the calculations needed to solve a problem and check that my working is correct
2. I can work out problems involving fractions, decimals and percentages using a range of methods
3. I can use place value and my tables to work out multiplication and division facts
4. I can use standard written methods to add, subtract, multiply and divide whole numbers and decimals
5. I can work out problems involving fractions, decimals and percentages using a calculator
6. I can write a large whole number as a fraction of a smaller one and simplify fractions and put them in order of size
7. I can find fractions and percentages of whole numbers
8. I can work out a quantity as a percentage of another and find equivalent percentages, decimals and fractions
9. I can solve problems using ratio and proportion
10. I can discuss mathematical ideas and persuade others

