

This tracker covers every skill you need for your Year 6 SATs Arithmetic Paper (Paper 1).

- **Practised** means you have completed the Lesson Practice Sheet for this skill and followed the lesson.
- **Mastered** means you have completed the Mastery Sheet independently and scored at least 80% (16/20).

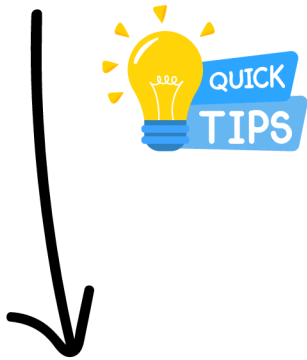
Topic	Example	Practised	Mastered
(1) Partition whole numbers	Write 406,072 in expanded form.		
(2) Find a missing value in a partitioned number	$73,482 = 70,000 + 3,000 + \underline{\quad} + 80 + 2$		
(3) Multiply whole numbers by 10, 100 and 1,000	$3,406 \times 100 = \underline{\quad}$		
(4) Divide whole numbers by 10, 100 and 1,000	$7,200 \div 100 = \underline{\quad}$		
(5) Mental addition using place value	$4,360 + 500 = \underline{\quad}$		
(6) Mental addition using compensation	$3,487 + 99 = \underline{\quad}$		
(7) Column addition without regrouping	$23,451 + 14,328 = \underline{\quad}$		
(8) Column addition with regrouping	$47,586 + 28,749 = \underline{\quad}$		
(9) Add three or more numbers	$2,450 + 375 + 625 = \underline{\quad}$		
(10) Find a missing addend	$\underline{\quad} + 485 = 1,203$		
(11) Mental subtraction using place value	$6,850 - 400 = \underline{\quad}$		
(12) Mental subtraction using compensation	$5,000 - 199 = \underline{\quad}$		
(13) Column subtraction without exchange	$86,754 - 32,421 = \underline{\quad}$		
(14) Column subtraction with exchange	$63,402 - 27,586 = \underline{\quad}$		
(15) Subtract across zeros	$70,004 - 8,769 = \underline{\quad}$		
(16) Find a missing number in a subtraction	$920 - \underline{\quad} = 347$		
(17) Multiply by 0 and 1	$0 \times 4,683 = \underline{\quad}$		
(18) Recall multiplication facts	$8 \times 7 = \underline{\quad}$		

Topic	Example	Practised	Mastered
(19) Use multiplication facts with multiples of 10 and 100	$7 \times 800 = \underline{\quad}$		
(20) Multiply several numbers efficiently	$4 \times 25 \times 7 = \underline{\quad}$		
(21) Multiply a multi-digit number by one digit	$3,406 \times 7 = \underline{\quad}$		
(22) Multiply a decimal by a whole number	$3.6 \times 14 = \underline{\quad}$		
(23) Long multiplication: 2-digit $\times$ 2-digit	$47 \times 36 = \underline{\quad}$		
(24) Long multiplication: larger number $\times$ 2-digit	$3,684 \times 27 = \underline{\quad}$		
(25) Divide by 1	$8,426 \div 1 = \underline{\quad}$		
(26) Recall division facts	$96 \div 12 = \underline{\quad}$		
(27) Use division facts with multiples of 10 and 100	$4,200 \div 7 = \underline{\quad}$		
(28) Find a missing divisor or dividend	$\underline{\quad} \div 8 = 125$		
(29) Short division	$936 \div 6 = \underline{\quad}$		
(30) Short division with larger numbers and zero quotient digits	$4,824 \div 4 = \underline{\quad}$		
(31) Long division	$8,736 \div 24 = \underline{\quad}$		
(32) Understand decimal place value	What is the value of the 7 in 4.073?		
(33) Divide decimals by 10	$48.6 \div 10 = \underline{\quad}$		
(34) Divide decimals by 100 and 1,000	$72.5 \div 100 = \underline{\quad}$		
(35) Add decimals with matching decimal places	$4.76 + 3.82 = \underline{\quad}$		
(36) Add decimals with different decimal places	$7.8 + 6.953 = \underline{\quad}$		
(37) Subtract decimals	$18.45 - 6.78 = \underline{\quad}$		

Topic	Example	Practised	Mastered
(38) Subtract a decimal from a whole number	$8 - 5.37 = \underline{\quad}$		
(39) Recognise equivalent fractions	Which fraction is equivalent to $\frac{3}{4}$: $\frac{6}{8}$, $\frac{6}{7}$ or $\frac{4}{5}$?		
(40) Create equivalent fractions	$\frac{3}{5} = \underline{\quad}/20$		
(41) Simplify fractions	Simplify $\frac{18}{24}$		
(42) Improper fractions to mixed numbers	Convert $\frac{17}{5}$ to a mixed number.		
(43) Mixed numbers to improper fractions	Convert $3 \frac{2}{5}$ to an improper fraction.		
(44) Find a unit fraction of an amount	Find $\frac{1}{6}$ of 420.		
(45) Find a non-unit fraction of an amount	Find $\frac{3}{5}$ of 400.		
(46) Add fractions with the same denominator	$\frac{3}{8} + \frac{4}{8} = \underline{\quad}$		
(47) Add fractions with related denominators	$\frac{3}{4} + \frac{1}{8} = \underline{\quad}$		
(48) Add fractions with unrelated denominators	$\frac{2}{3} + \frac{3}{5} = \underline{\quad}$		
(49) Add three fractions	$\frac{1}{3} + \frac{1}{4} + \frac{1}{6} = \underline{\quad}$		
(50) Add mixed numbers	$2 \frac{1}{3} + 1 \frac{3}{4} = \underline{\quad}$		
(51) Subtract fractions with the same denominator	$\frac{7}{9} - \frac{2}{9} = \underline{\quad}$		
(52) Subtract fractions with related denominators	$\frac{7}{10} - \frac{1}{5} = \underline{\quad}$		
(53) Subtract fractions with unrelated denominators	$\frac{7}{8} - \frac{1}{6} = \underline{\quad}$		
(54) Subtract a fraction from a whole number	$5 - \frac{3}{4} = \underline{\quad}$		
(55) Subtract mixed numbers without exchange	$5 \frac{7}{8} - 2 \frac{3}{8} = \underline{\quad}$		

Topic	Example	Practised	Mastered
(56) Subtract mixed numbers with exchange	$4 \frac{1}{3} - 1 \frac{5}{6} = \underline{\hspace{2cm}}$		
(57) Multiply a fraction by a whole number	$\frac{3}{5} \times 40 = \underline{\hspace{2cm}}$		
(58) Multiply a mixed number by a whole number	$1 \frac{1}{2} \times 12 = \underline{\hspace{2cm}}$		
(59) Divide a unit fraction by a whole number	$\frac{1}{4} \div 3 = \underline{\hspace{2cm}}$		
(60) Divide a non-unit fraction by a whole number	$\frac{3}{5} \div 3 = \underline{\hspace{2cm}}$		
(61) Find 50%, 25% and 10%	Find 25% of 360.		
(62) Find 5%	Find 5% of 680.		
(63) Find multiples of 10%	Find 30% of 450.		
(64) Combine known percentages	Find 35% of 600.		
(65) Find 1% and use it to calculate a percentage	Find 23% of 800.		
(66) Find non-benchmark percentages	Find 43% of 900.		
(67) Use complements for 95%, 99% and similar percentages	Find 99% of 700.		
(68) Calculate square numbers	$9^2 = \underline{\hspace{2cm}}$		
(69) Calculate cube numbers	$4^3 = \underline{\hspace{2cm}}$		
(70) Calculate expressions containing powers	$6 + 3^2 = \underline{\hspace{2cm}}$		
(71) Order of operations without brackets	$70 - 48 \div 6 = \underline{\hspace{2cm}}$		
(72) Order of operations with brackets	$(8 + 4) \times 3 = \underline{\hspace{2cm}}$		
(73) Choose mental or written methods	Calculate $4,999 + 376$. Choose the most efficient method.		
(74) Mixed arithmetic: Foundation Skills	Mixed Questions		

Topic	Example	Practised	Mastered
(75) Mixed arithmetic: Core Skills	Mixed Questions		
(76) Mixed arithmetic: SATs	Mixed Questions		
(77) Long multiplication and division method-mark practice	$4,308 \times 26 = \underline{\hspace{2cm}}$ Show your full working.		
(78) 10 Full 36-question arithmetic practice tests	Mixed Questions		



- **Time yourself** - You may know how to answer every question, but you will only have 30 minutes in the SATs Arithmetic paper (plus any extra time you are entitled to). As you practise, you should notice that you can complete the paper more quickly.
- **Reflect** - Mark your work! Take note of what you are doing well with but also notice anything you are getting wrong and go back and practise that skill again before the next practice test.
- **Ask for help** - If something is still tricky, ask someone to help you.

Test	Score	What I did well	What I should practise
Test 1	___ / 40		
Test 2	___ / 40		
Test 3	___ / 40		
Test 4	___ / 40		
Test 5	___ / 40		
Test 6	___ / 40		
Test 7	___ / 40		
Test 8	___ / 40		
Test 9	___ / 40		
Test 10	___ / 40		

You are ready for your SATs Arithmetic Paper!